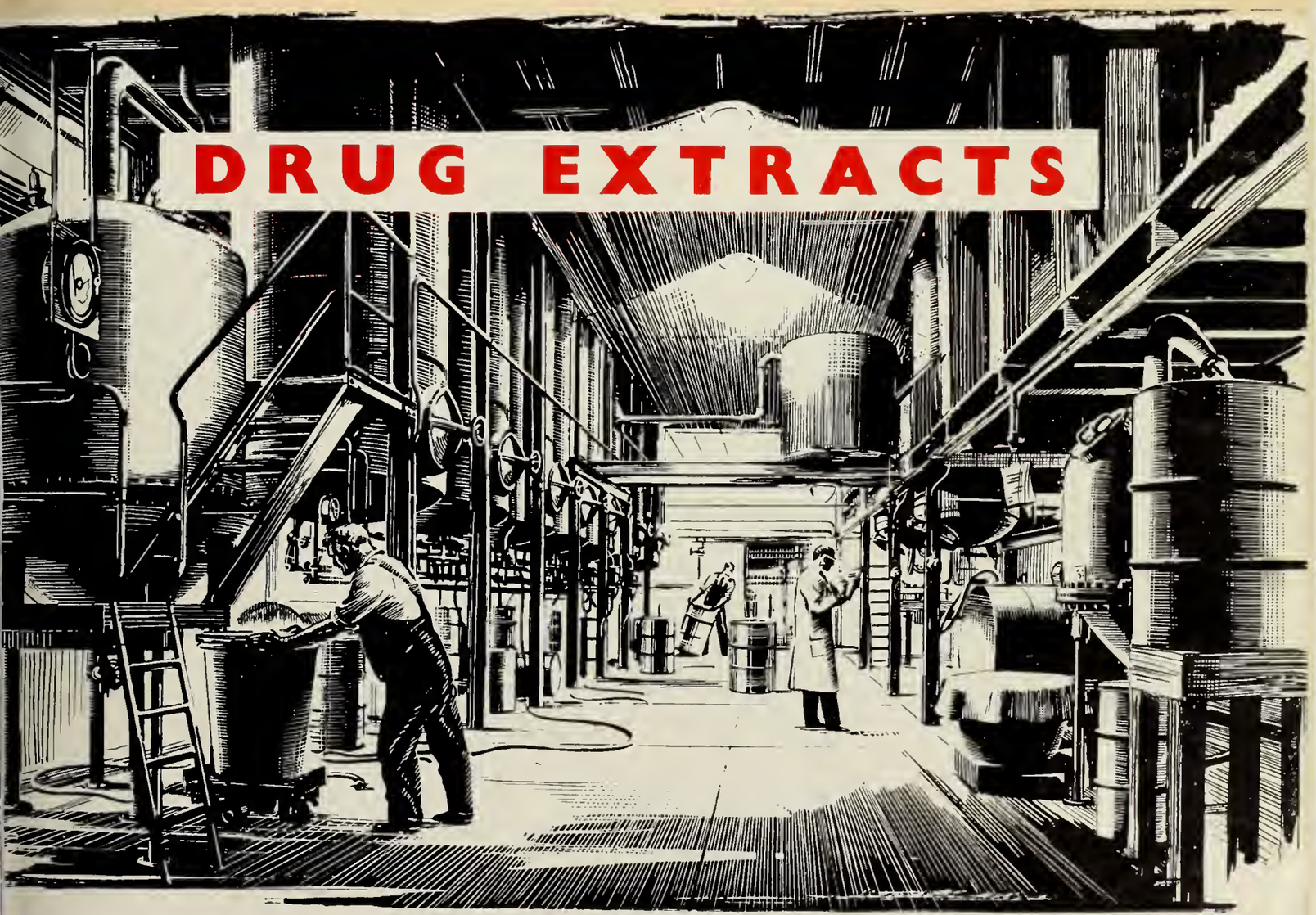
JOURN

The
CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

JANUARY 17 1959



StaffordAllenS offer the longest experience in the preparation of fine medicinal extracts. Our high vacuum concentration process ensures full therapeutic activity. We manufacture liquid, granulated, powdered and standardized extracts; also concentrated extracts for the preparation of tinctures, infusions, liquid extracts, decoctions, confections, etc., etc.

May we quote you for your requirements ?

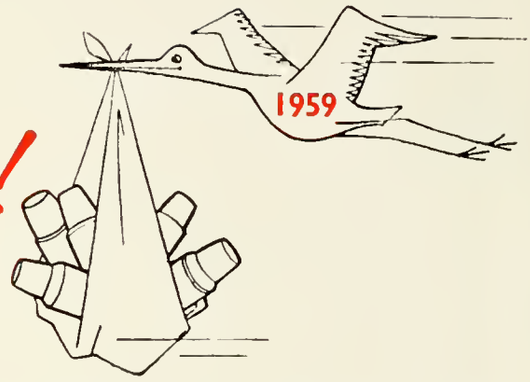
STAFFORD ALLEN & SONS LIMITED
WHARF ROAD, LONDON, N.1 Telephone: CLErkenwell 1000

StaffordAllenS

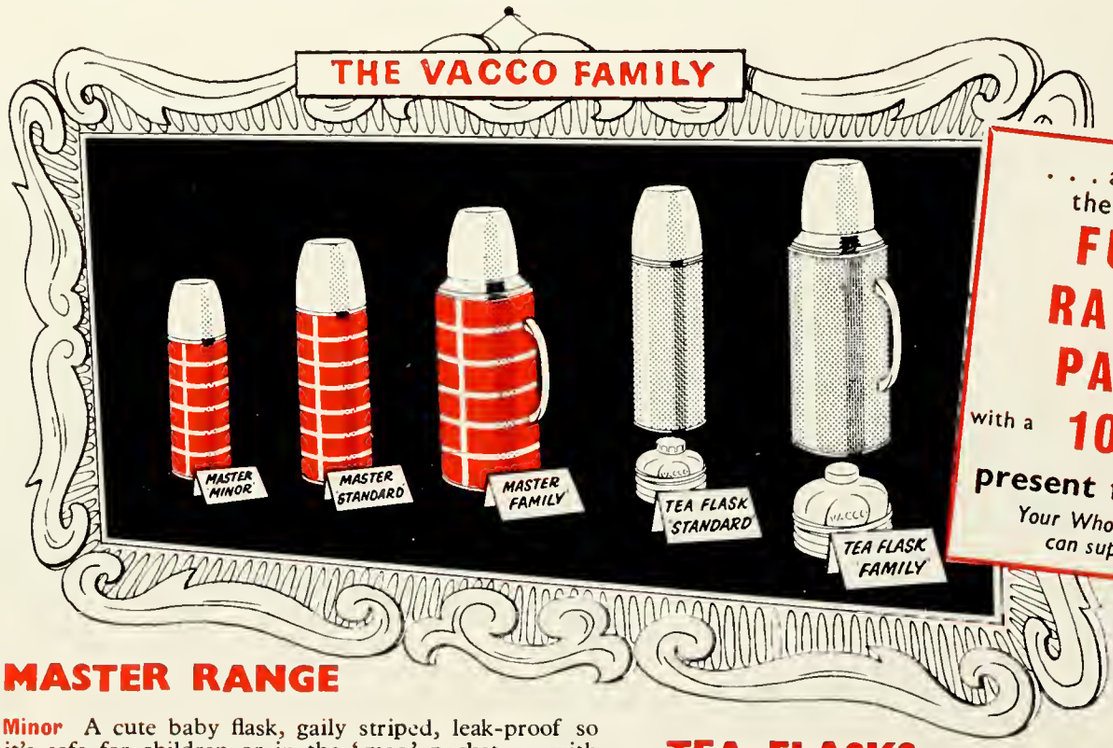
TAS AL/437

VACCO

A family event!



Vacco proudly announce new arrivals from the Newhaven factory! The successful Stripes Master (Standard) is joined by a Baby brother, the Master 'Minor', and a real Big brother, the 'Family Master', making a sure-selling three-some. New too, is the large Family size Tea Flask, a giant addition to the Standard size. All have inherited the famous Vacco good looks and features (including 'Screw-On', of course). They're a smartly turned-out family of five, nice to have around! Take a look at their first family portrait and you will see this smart line-up is going to prove a happy event for your sales!



. . . and now, the NEW **FULL RANGE PACK** with a **10/-** (List price) **present for you** Your Wholesaler can supply

MASTER RANGE

Minor A cute baby flask, gaily striped, leak-proof so it's safe for children or in the 'mac' pocket . . . with 'Screw-on'. **Model VMS/H. 6/11 (incl. P.T.)**

Standard Already in the limelight — a proven sell-on-sight model for general use . . . with 'Screw-On'. **Model VMS. 7/6 (incl. P.T.)**

Family Note Polythene handle, unbreakable and flexible, fits neatly into corner space, gives easy carrying, steady pouring—indoors and outdoors. Two fitted cups . . . with 'Screw-On'. **Model VMS/Q. 14/6 (incl. P.T.)**

ASSORTED COLOURS: *White stripes standing out against Cherry Red, Cornflower Blue, Emerald Green.*

TEA FLASKS

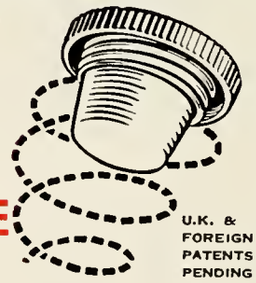
Standard The now famous model with the built-in milk bottle, an established 'must' for every flask stockist . . . with 'Screw-On'. **Model TF2. 9/3 (incl.P.T.)**

Family For the large and thirsty family. Full seven cup capacity—holds over two pints of tea plus milk (in built-in bottle). Unbreakable polythene handle fits snugly into corner space, makes carrying simpler, pouring perfect; two fitted cups . . . with 'Screw-On'. **Model TF/Q. 17/6 (incl. P.T.)**

Both sizes in Polychromatic Blue

EACH FLASK IN BOLD TELL-THE-STORY-FOR-YOU CARTONS

. . . ALL WITH THE NEW VACCO *Screw-on* CLOSURE



U.K. & FOREIGN PATENTS PENDING

VACCO LIMITED · LONDON S.W.1

A special BONUS OFFER!

14 *to the dozen on* ***1 Gross***

'Marzine'

TRADE MARK

WITH PAYMENT DEFERRED TILL AUGUST

Are you taking full advantage of this wonderful 'MARZINE' Bonus Offer? By ordering your full season's requirements of 'MARZINE' *now*, you can secure extra profit on all your 'MARZINE' sales *right through the year.*

There's no need to tie up your capital in stock because you don't have to pay till August—by which time you will have had months of good 'MARZINE' sales.

So don't delay, because this Bonus Offer closes on February 28th. Order a good stock of 'MARZINE' to meet the rapidly increasing demand.



These 'Marzine' Advertisements appear during Jan. Feb. & March on travel features in the National Press with a combined circulation of
54,134,652

BURROUGHS WELLCOME & CO. (*The Wellcome Foundation Ltd.*) LONDON

A

With the Winter Sales-curve steadily mounting . . .

FASSETT & JOHNSON

take over national distribution of

colbax *air spray*

The Season of colds, catarrh and flu is reaching its peak—and a ready-made market awaits a product which affords effective relief from congestion *and* effectively reduces the risk of infection spreading. Colbax air spray—recently tested and proved a ready sales-winner throughout the Southern Television area—performs both these functions supremely well. Now, with immediate effect, the national distribution of this highly marketable product has been taken over by Fassett & Johnson—with the support of hard-selling spots on commercial T.V.





Colbax air sprays come in a dramatically eye-catching dispenser unit, ideal for a compact counter display—and with a colourful crowner for sample-unit showing in your window or on shelves.

- Easy to operate—just a quick spray supplies a whole room with relieving vapour.
- Pleasant aroma *stays* fresh—does not stale.
- Vapour gives effective relief from congestion of colds, flu and clogging catarrh.
- Germicide content prevents infection spreading.
- Ideal for family use—and for shops, offices, factories, schools.
- Contains ephedrine—the tried and trusted vaso-constrictor.
- Retail price 7/6. Trade price 55/- per dozen—30% P.T.

STOCK UP NOW WITH COLBAX AND CATCH THE COLD WEATHER TRADE!

From your wholesaler or direct from the Sole Distributors:

FASSETT & JOHNSON LTD., 86, CLERKENWELL ROAD, E.C.1
Telephone: CLE 2336 and at
139 Bath Street, Glasgow, C.2. City 4747



YOUR CUSTOMERS are bound to see our advertising for 'Alkathene'. Colour pages in women's magazines; 30-second T.V. commercials; a 2-minute colour film. They all say 'Look for the 'Alkathene' label'. And your customers will look for it, when they come into your shop.

It will certainly pay you to sell goods labelled 'Alkathene'. The label is a sign of good quality and reliability.

To meet the growing demand, make sure you have plenty of goods labelled 'Alkathene'. Display them well and cash in on this forceful publicity drive.

FREE DISPLAY MATERIAL

to link your shop with 'Alkathene' national advertising, available on application through your usual trade channels or direct to Publicity Dept., Plastics Division, Imperial Chemical Industries Ltd., Welwyn Garden City, Herts. Shelf cards can be obtained from individual manufacturers.

'Alkathene' is the registered trade mark for the polythene manufactured by I.C.I.

IMPERIAL CHEMICAL INDUSTRIES LIMITED · LONDON · S.W.1

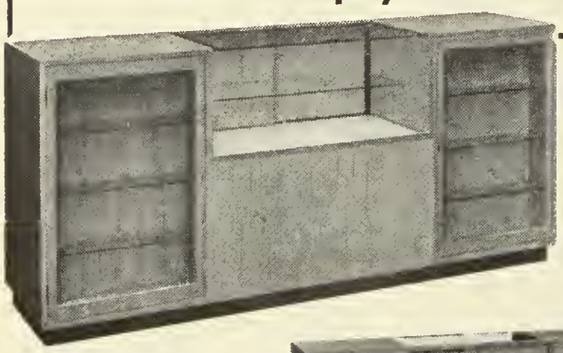
ICI

AH.39

Buy direct from the manufacturer

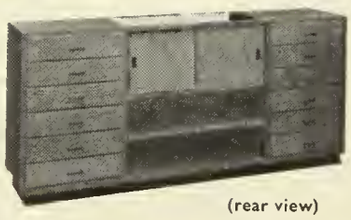
NORLAND

Chemist Display Units



NORLAND "CA" Chemist Counter

Fitted in the front with 2 side display showcases, each with a adjustable glass shelves and 3 centre display section with one adjustable glass shelf enclosed by veneered sliding wood doors. The rear of the Counter fitted with 6 quick service drawers on either side, and in the centre, below display section, open storage space fitted with one shelf. All on a 3" ebonised receded plinth.
Size: 7' long x 3' high x 2' back to front.



(rear view)

OAK £65 Ex-Works

MAHOGANY £68 Ex-Works

Write for complete catalogue. Extended credit terms.

LIDDLE KEEN & CO., LTD.

Norland Yard, London, W.11. Tel: PARk 9881/2

Grateful Autumn customers

are recommending unhappy Winter

customers to come to you for

BESORBON

REGD. TRADE MARK

MEDICINAL SNUFF

the **proved** remedy for

colds and catarrh

See that you have sufficient stock

Your wholesaler

can supply you promptly.

Orders of one dozen come in

attractive counter display box for

MORE SALES—MORE PROFIT

Kemsales Ltd., 20 Eastcheap, London, E.C.3

'BREKNA' IODISED SALTS

(for the Relief of Rheumatism, etc.)

Retail price **2/6** a Jar. Wholesale price **24/-** doz.

(discount to wholesalers 15%)

★ *PRE-NATIONAL ADVERTISING OFFER:*

Minimum Order **36** Jars charged as **30** Jars—Carriage Paid

(Value **15/-** Extra Profit)

Main Distributors:

Messrs. I. ROWLAND JAMES LTD.

Wholesale Chemists, SWANSEA and CARDIFF

Proprietors: H. P. JENKINS, PENYGROES, LLANELLY, CARMS

BURROUGH'S

ABSOLUTE ALCOHOL

JAMES BURROUGH LTD. 1 CALE DISTILLERY LONDON S.E.11

Always in Demand

RODINE

Rodine Phosphorus, Rodine Red Squill,
Rodine Warfarin (Ready-to-use or Concentrate),
and Special Rodine Mouse Warfarin.

THOMAS HARLEY LTD., RODINE WORKS, PERTH, SCOTLAND

BUTTERSCOTCH BRAND

Malt and Cod Liver Oil

With the flavour that CANNOT be copied

We are the premier firm supplying Chemists "own name" packs

IMPORTANT

Make sure of your stocks against the possibility of severe Winter epidemics.

JEFFREYS, MILLER & COMPANY LIMITED, LEYLAND MILLS WIGAN

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(*continued overleaf*)

DISPRIN REGD. **in the minds of the public to-day**

Advertisements on TV reach 18,000,000 people and press advertising 26,000,000

1959 will see the most striking Disprin advertising campaign yet. Starting next month, and continuing throughout the year, a series of dramatic Disprin advertisements will appear regularly in the mass-circulation national daily and Sunday newspapers, and in the influential women's press.

TV too. The compelling medium of television will also be used to impress the advantages of Disprin upon the public's mind. Commencing January, a series of powerful 30-second spots will emphasise the value of Disprin.

Display Disprin. The public will come to YOU for its Disprin. So prepare *now* by getting in ample stocks of Disprin—and take advantage of the large-scale advertising by displaying Disprin *on your counter*.

RETAIL PRICES
(*Incl. P.T.*)

100-tablet foil 5/6
50-tablet bottle 3/3
26-tablet bottle 1/11½
8-tablet foil 9d.

TRADE PRICES
(*excl. P.T.*)

100-tablet foil 38/10 doz.
50-tablet bottle 23/- doz.
26-tablet bottle 13/10 doz.
8-tablet foil 5/2 doz.

Take advantage of large-scale DISPRIN advertising —see that you have full stocks of DISPRIN

RECKITT & SONS LTD., PHARMACEUTICAL DEPT., HULL

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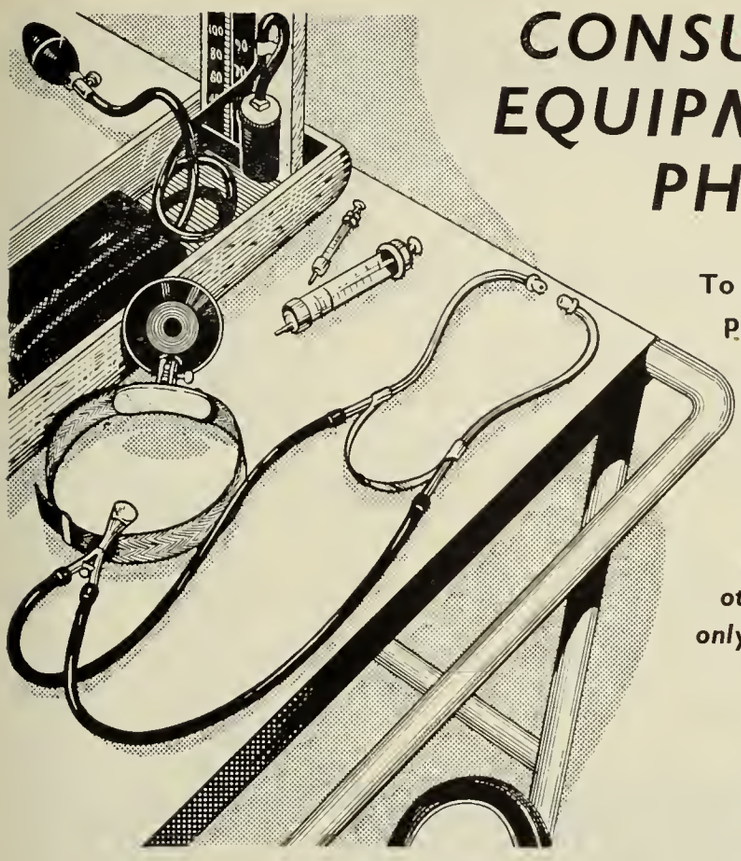
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CONSULTING ROOM EQUIPMENT AND THE PHARMACIST

To many busy General Practitioners the pharmacy is the obvious place from which to obtain a new stethoscope or to hand in broken diagnostic equipment for repair, etc.

Our Surgical Department is stocked, equipped and staffed to help you to encourage this demand and as with our other services, distribution is channelled only through the pharmacist.

MACARTHYS
(WHOLESALE CHEMISTS) LTD

ROMFORD, ESSEX *Tel: Romford 46021*

Repair Service OF ELECTRIC BLANKETS

Denhams' factories have unmatched experience in repair and overhaul for the trade of **ELECTRIC BLANKETS & PADS** of all makes, British & Foreign.

LARGEST AND LONGEST ESTABLISHED
RAPID 5 DAYS' SERVICE

Nationally known for thoroughly reliable and inexpensive repairs. *Free estimates on request.*

Service Department:—
DENHAMS (NCH) LIMITED
ST. GEORGE'S WORKS, ALL SAINTS ROAD, LONDON, W.3

★ NORVIC LOW-VOLTAGE BLANKETS WERE SELECTED FOR USE BY THE TRANS-ANTARCTIC EXPEDITION



MAKERS OF
Norvic AND CORONA
ELECTRIC BLANKETS
USED THE WORLD OVER



Have you used our very efficient

Nasal Spray?

Cartoned in the Chemist's 'Own Brand' range of ten attractive colour schemes.

Please send for leaflet and terms

ARTHUR H. COX & CO. LTD
BRIGHTON · ENGLAND
Manufacturing Chemists since 1839

FOR COUNTER LINES THAT KEEP CUSTOM



They're rushing to stop coughing!

And they won't stop rushing till they've experienced the consolation of smooth and dependable relief—as provided by 'Pectamol' Linctus and 'Tussimol' Cough Pastilles. Each contains oxeladin, an entirely new type of cough suppressant acting directly on the medullary centre.

'TUSSIMOL' TRADE MARK	'PECTAMOL' TRADE MARK
COUGH PASTILLES	LINCTUS
The pleasantly flavoured pastilles that deal effectively with the dry 'tickling' cough. TRADE: per dozen tins 23/9. RETAIL: 2/8 each—exempt P.T. *Special winter bonus terms for direct orders.*	For specific cough suppression with local demulcent effect. TRADE RETAIL 60 ml. .....2/6 .....3/9 250 ml. ..... 8/9 2 litres 56/1

THE BRITISH DRUG HOUSES LIMITED LONDON N.1 BDH

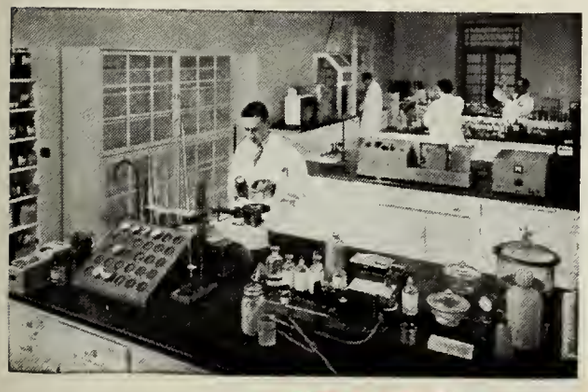
for the GREAT POTENTIAL MULTI-VITAMINS MARKET

ONLY Scherer's

CAN PROVIDE THE COMPLETE CAPSULE SERVICE YOU DEMAND

Multi-vitamins represent an important, rapidly growing market; they are essential to health. Only the large, *scientifically* controlled Scherer organisation is geared up to provide you with an unequalled, comprehensive and fully confidential production service—NOW.





LABORATORY CONTROL
Scherer's Triple Guarantee

1. All materials analysed on delivery.
2. All mixes analysed before encapsulation.
3. All capsules analysed before despatch and protocols available on request.

PROTECTION
Hermetic sealing ensures the perfect, permanent protection, essential with many vitamins.

YOUR SAFEGUARD
Thousands, or millions, of gelatin capsules can be produced completely to *your* formula —in colours and shapes *exclusive to you.*

ACCURACY
Fill tolerance to within 1%.

COMPLETE SERVICE
The Scherer service means no capital outlay on your part; you supply your formula, and the encapsuled products, guaranteed, will be delivered to you complete—even strip packed if you wish.

R. P. Scherer Ltd.

can encapsulate most pharmaceuticals—please ask for details

R. P. SCHERER, Ltd., 216-222 BATH ROAD, SLOUGH, BUCKS. 'Phone: SLOUGH 21241

B

PHA999

SOUND FOUNDATIONS

Make M&B chemicals the basis of your pharmaceutical manufactures. Our long experience, extending over a century, in the manufacture, handling, and use of fine chemicals supports our claim that our products are entirely suitable in every respect for your purposes.

✻

For the manufacture of TABLETS

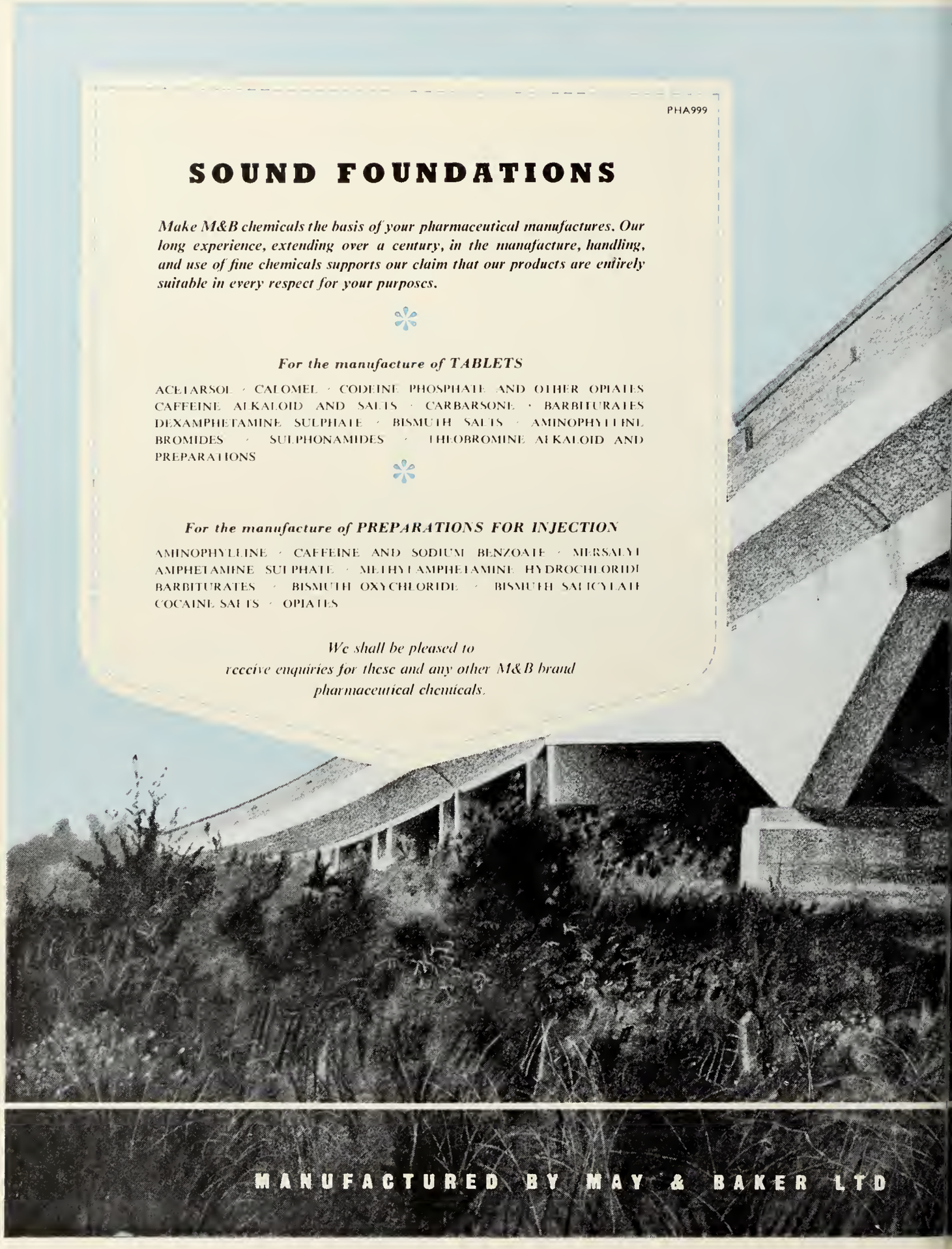
ACETARSOL · CALOMEL · CODEINE PHOSPHATE AND OTHER OPIATES CAFFEINE ALKALOID AND SALTS · CARBARSONE · BARBITURATES DEXAMPHETAMINE SULPHATE · BISMUTH SALTS · AMINOPHYLLINE BROMIDES · SULPHONAMIDES · THEOBROMINE ALKALOID AND PREPARATIONS

✻

For the manufacture of PREPARATIONS FOR INJECTION

AMINOPHYLLINE · CAFFEINE AND SODIUM BENZOATE · MERSALYL AMPHETAMINE SULPHATE · METHYLAMPHETAMINE HYDROCHLORIDE BARBITURATES · BISMUTH OXYCHLORIDE · BISMUTH SALICYLATE COCAINE SALTS · OPIATES

We shall be pleased to receive enquiries for these and any other M&B brand pharmaceutical chemicals.



MANUFACTURED BY MAY & BAKER LTD


M&B
for fine
pharmaceuticals
DAGENHAM · Tel: DOMinion 3060 · EXT. 317



BARNET

Ultraglaze SUNGLASSES

ORDER QUICKLY FOR

BONUS OFFER

WORTH £2.17.0. ON EVERY 4 DOZEN ORDER

BARNET ULTRAGLAZE

1959's outstanding new lightweights with Crookes Guaranteed glass lenses. National Physical Laboratory facsimile report enclosed with each pair. Superb range of eight styles selling at 12/6d. to 15/6d.

- **4 DOZEN UNIT COSTS £23. 8. 0. SELLS WITH BONUS FOR £37. 19. 0.**
- **FREE attractive display units!**
- **Heavy TV and PRESS advertising support!**
- **Order from your wholesaler NOW!**

Manufactured by (wholesale only)

E. R. HOLLOWAY LTD, Bessemer Road, Welwyn Garden City, Herts. Welwyn Garden 4444.



on MOTHAKS you can get 40% PROFIT

SPECIAL BONUS OF

5/- **on EVERY gross of MOTHAKS**

PLUS EXTRA 2½% off your TOTAL ORDER

when you include

PARADOR AIR FRESHENER
PARADOR AEROSOL
MOTHAK FLY SPRAY
MOTHAK POWDER

MOTHAKS Best known product for protection against moth damage.

MOTHAK FLY SPRAY Aerosol pack. Deadly to flies. Lavender perfumed. FIRST EVER WITH PILFER-PROOF SEAL.

MOTHAK POWDER Puffer pack protection for carpets and upholstery. Lavender perfumed.

PARADOR AIR FRESHENER Now in three perfumes—Rose, Lavender, Hyacinth.

PARADOR AEROSOL Instant air freshener. Lavender perfumed. Antiseptic and germicidal.

A splendid opportunity to make extra profits.

DON'T MISS IT

ORDER NOW, for immediate delivery or by April 1st.

MOTHAKS

THOMPSON & CAPPER, LTD. LIVERPOOL. 24.

C

TERRIFIC THERMOS NEWS



THERMOS wholesalers now give retailers

5% EXTRA DISCOUNT

on every order of £7.10.0 nett or £10.0.0 retail selling price and above

for ALL THERMOS FLASKS, JUGS, JARS and ICE BOWLS, COMPONENTS and ACCESSORIES.

On every order you place with your THERMOS wholesaler for £7 : 10 : 0 nett (which equals 25% off list price or £10 : 0 : 0 retail selling price) or over, you qualify for an extra 5% discount. There are no strings attached either. The composition of your order is entirely in *your* hands. Order Flasks, Jugs, Jars, Ice Bowls or whatever THERMOS merchandise you like and, if the value is £7 : 10 : 0 nett or over you get the extra 5%. Please remember to place all orders through your usual THERMOS wholesaler.

With Renowned THERMOS Merchandise plus Heavy THERMOS Consumer Advertising . . .

1959
WILL BE A BUMPER PLUS YEAR



THERMOS

REGISTERED TRADE MARK

For detailed price list apply direct to :

THERMOS LIMITED . SEYMOUR ROAD · LEYTON · LONDON · E.10

COUNTY LABORATORIES LTD.

announce the following

PRICE CHANGES

EFFECTIVE FROM
Monday, February 2
1959

AMAMI WAVE SET

Size	*Retail Selling Price*	*Standard Wholesale Price*
HANDY FLASK (GREEN AND AMBER)	1/8d	10/1d PER DOZEN PLUS PURCHASE TAX
LARGE ECONOMY FLASK	3/-	18/2d PER DOZEN PLUS PURCHASE TAX

The retail selling price of the new Amami Wave Set Sachet remains unchanged at 7d.

VOSENE MEDICATED SHAMPOO

SACHET	7d	4/2d PER DOZEN PLUS PURCHASE TAX
STANDARD SIZE	2/3d	16/1d PER DOZEN PLUS PURCHASE TAX
LARGE SIZE	4/6d	32/2d PER DOZEN PLUS PURCHASE TAX

✳ ***All goods invoiced before February 2nd will be charged at the old price.***

The usual Display Parcel Terms will apply when ordered direct or through County Laboratories Limited Representatives.

COUNTY LABORATORIES LIMITED, HONEYPOT LANE, STANMORE, MIDDLESEX. WORdsworth 4321

REXALL
DRUG COMPANY LIMITED

ANNOUNCE

that they have acquired the old-established business of

CARNEGIES OF WELWYN LTD

founded by Robert Beaton Carnegie in 1911. Mr. D. M. B. Carnegie and his family have ended their connection with the business.

Carnegies of Welwyn Ltd. will continue to operate in Welwyn Garden City as manufacturers of bulk chemicals. A programme of expanded manufacturing is being put in hand.

The Company takes this opportunity to thank its many friends throughout the world for their past support and to assure them that every effort will be made to give even better service in the future.

IMPROVED PHENOTHIAZINE DERIVATIVE

NEW

Easier control of psychoses, neuroses and anxiety states

Dartalan*

DIHYDROCHLORIDE

BRAND OF THIOPROPAZATE DIHYDROCHLORIDE

- **gives consistently effective results with low dosage.**
- **is safe, has minimal side effects.**
  (In specially designed studies and clinical trials in 727 patients, no liver toxicity was reported.)
- **relaxes the disturbed mind, and invests the patient with a sense of well-being and normality.**



AVERAGE DOSAGE:
In the psychoses:
10 mg. three times daily
In the neuroses:
5 mg. three times daily

*Registered Trade Mark

AVAILABILITY:

	Retail Price	*Trade Price*
5 mg. Tablets		
50's	17/9	11/10
500's	162/6	108/4
2500's	771/10	514/7
10 mg. Tablets		
50's	31/-	20/8
500's	279/-	186/-
2500's	1325/3	883/6

P1.S1.S4

SEARLE

G. D. SEARLE & CO. LTD., HIGH WYCOMBE, BUCKS.


U·M·P
SERVICE
caps the lot!
CAPS
A comprehensive range of STANDARD and PROPRIETARY caps made from urea and polythene materials both in flowerpot and other shapes.
The ORIGINAL U.M.P. VALVE-TYPE WADLESS CLOSURE (patented) is an exclusive feature showing economies.
TUBES
U.M.P. products embodying latest developments give better reliability and sales appeal and include Decora Shoulder, Weltex Base Seal, Oriseal nozzle, etc.
PLASTICS
A complete Plastics Service including Vacuum Forming and our highly specialised "Lamforte" (Reinforced Plastics) Products.
PREFERRED BY DISCRIMINATING BUYERS
U·M·P
For Tubes and Plastics
UNIVERSAL METAL PRODUCTS LTD.
SALFORD 6 LANCS. Telephone PENDLETON 4444
LONDON OFFICE: ARGYLE HOUSE, 29/31, EUSTON ROAD, N.W.1. Tel TERMINUS 2073

Big New Year
BONUS OFFER
for
ELLIMAN'S FIBRO CREAM



14 TO THE DOZEN OR 7 TO THE HALF DOZEN

from 15th January to 15th February, 1959, inclusive to *all* retail chemists and to all our wholesale customers

Giving you

67%

PROFIT

on outlay

Millions of readers will see—and *read* the Elliman's Fibro Cream ads in these

BIG CIRCULATION

papers, in January, February & March

News of the World
Sunday Express
Sunday Dispatch
Daily Mirror
Daily Express
Woman's Mirror

Make your New Year *extra prosperous*—get ready *now* for the big, extra profitable demand for Elliman's Fibro Cream. Order from Potter & Moore or your usual wholesaler.



Bonus offer ends shortly

'TYROZETS' and 'SUCRETS'

The fastest-selling ethical *throat lozenges*



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order winter stocks at these extremely
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Orders of 2½ gross—plus 6 dozen free tubes.

Orders of less than 2½ gross—2 free tubes to the dozen.

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about this forceful selling aid.

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LOOK- extra profit for everyone



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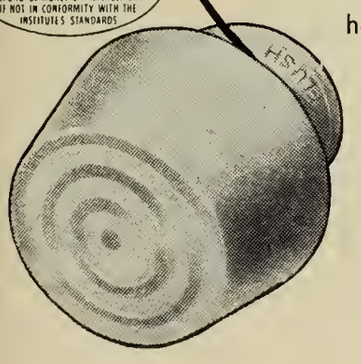
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½ GROSS	13/6	12/9	39·29%
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- ★ The only deodoriser with patented reinforcement. FLUSH cannot break up
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REFUND OF MONEY OR REPLACEMENT IF NOT IN CONFORMITY WITH THE INSTITUTE'S STANDARDS



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FOR YOU—

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10% extra profit on Air-wick Mist!

Starting 29th December and until the 31st March, 1959, all orders for Air-wick Mist will *carry an extra display bonus of 10%* in addition to normal terms enabling you to make as much as:

35% profit on an order of 4 dozen Air-wick Mist
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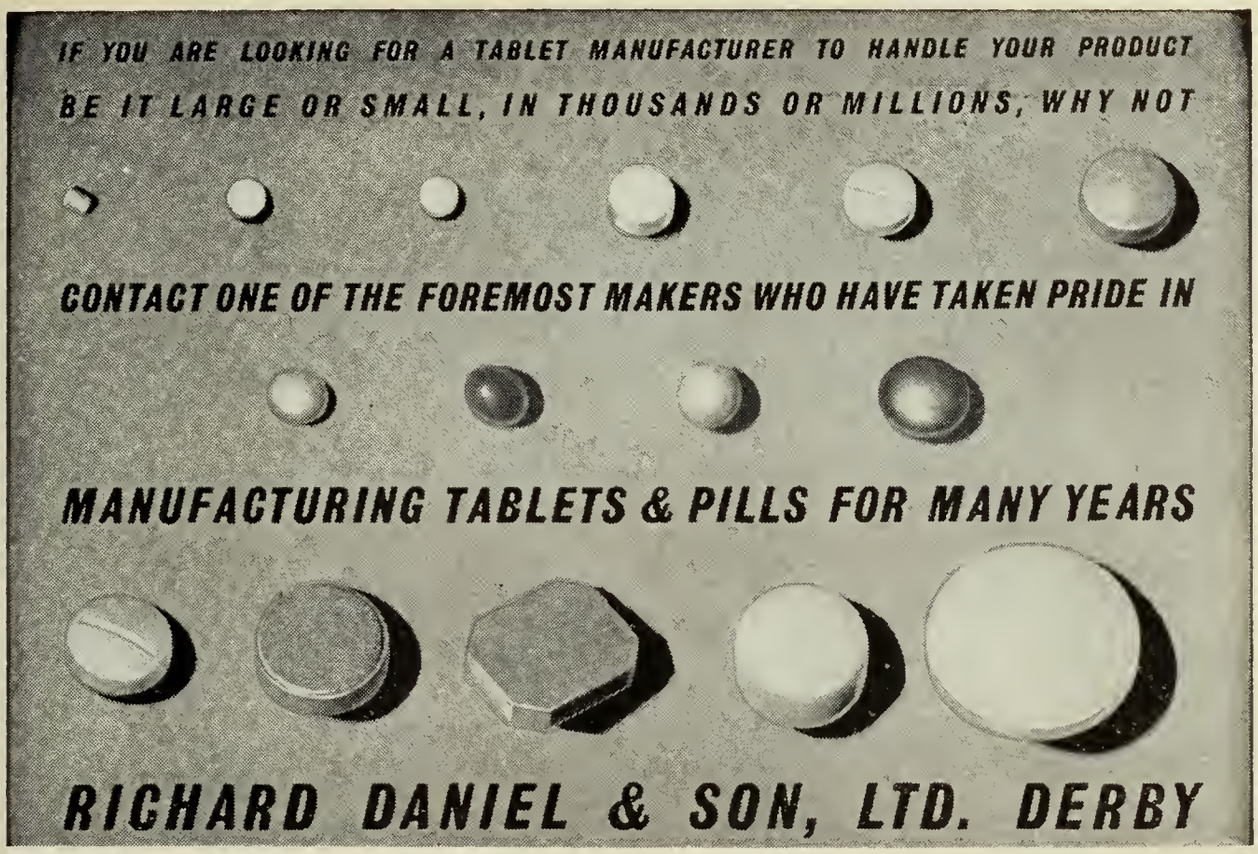
Air-wick advertising will feature this special offer to your customers. We will cover your floor stock to enable you to start selling Air-wick Mist at this new price. Provided stock returns are sent to us by January 31st.

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The "special offer" price of Air-wick Mist to the consumer is 4/11, effective now and until 31st March, 1959.

FOR YOUR BONUS OFFER of Air-wick Mist write to: Horlicks Ltd., Slough, Bucks, Phone Slough 22322, or to your usual wholesaler

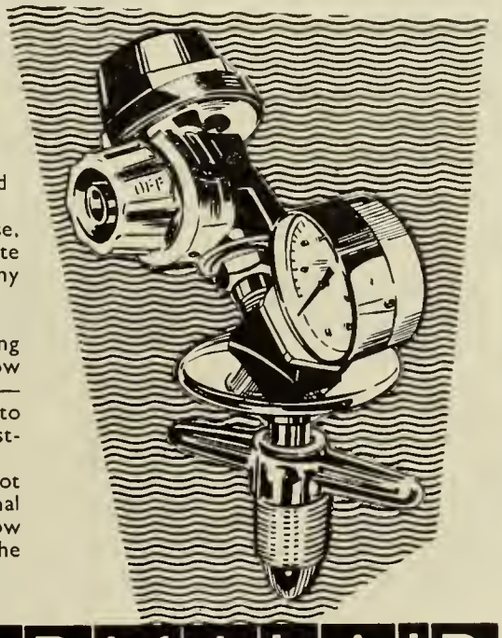


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ACCURATE, AUTOMATIC FLOW RATE.
Positive flow selectors are made by simply turning a clearly marked control knob. The selected flow rate is maintained automatically within + or — 10% with any cylinder pressure from 200 p.s.i. to 1,980 p.s.i. thus eliminating the need for adjustment as cylinder pressure falls.
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Overall Height	6¼ ins.
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Ambient Temperature Range	10°c to + 50°c.
Outlet Connection	suitable for standard bayonet connector.

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ENGLATE

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TABLETS (300 mg. of theophylline sodium glycinate). Available in bottles of 50 and 500.

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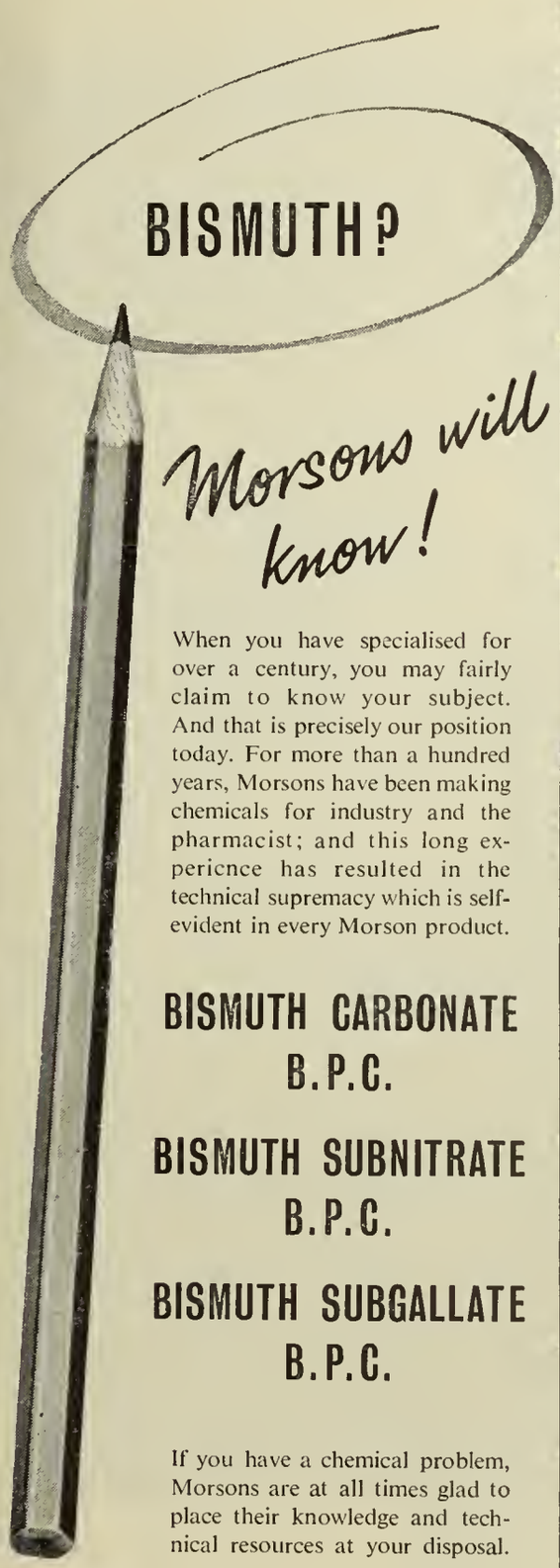
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THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland

Volume 171 January 17, 1959 No. 4117

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'REDOXON'

With 'Redoxon' effervescent tablets 1G. a glass of water can be transformed into a pleasing effervescent drink containing a massive dose of Vitamin C. Such doses are indicated in the treatment of the *first manifestations of the common cold* and other febrile conditions in which the reserves of Vitamin C are rapidly depleted.

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The CHEMIST AND DRUGGIST

Volume 171 JANUARY 17, 1959 No. 4117

Freeze-dried B.C.G. Vaccine

"LIFE" EXTENDED TO TWELVE MONTHS

IN the light of information received from an expert committee of the Medical Research Council the Minister of Health has decided that supplies of a British freeze-dried B.C.G. vaccine should continue to be available for the time being, and has extended its "life."

That was announced by the Ministry of Health on January 8, and therefore the scheme whereby local health and hospital authorities were given the opportunity of using either the Danish liquid vaccine or the British freeze-dried material is being continued. Originally it was introduced for nine months from April 1, 1958, and arrangements were made to review the position before the end of the period. It has also been announced that the freeze-dried vaccine may now be used up to twelve months from the preparation date instead of within six months.

British Association

FILMS WANTED FOR YORK MEETING

THE 1959 meeting of the British Association for the Advancement of Science is being held in York, September 2–9. The meeting is to include a series of scientific film programmes compiled from recent film productions, selected from all over the world, which either present scientific subjects to informed non-specialist audiences or demonstrate the use of film in scientific research. The Association is asking for suggestions for films (16 mm. only) that might be considered suitable for screening at the meeting. Information about such films should include the title; whether sound or silent; black and white or coloured; running time in minutes; date of production; details of sponsor, producer and distributors: a short synopsis of content; and an indication of the type of audience for which the film is intended. Film information sheets are available from the British Association, and details of films should be sent so soon as possible to the Visual Aids Officer, British Association for the Advancement of Science, 18 Adam Street, Adelphi, London, W.C.2.

Emulsions

A BRIGHTON EVENING COURSE

A COURSE of six lectures on emulsions is being held at the School of Pharmacy, Brighton Technical College, at 7.30 p.m. on Tuesdays from February 10 to March 17. The lectures cover the physico-chemical phenomena underlying emulsion technology; official emulsions and emulsifying agents; cosmetic emulsions; and general aspects of emulsion technology. The lecturers are Professor E. Shotton (professor of pharmaceutics, London University), Dr. C. G. Sumner (senior technical officer, chemical section, British Standards Institution), and Mr. F. A. J. Talman (lecturer in pharmaceutics, School of Pharmacy, Brighton Technical College). The fee for the course is £1 and cheques should be made payable to Brighton Corporation. Applications should be made to Dr. J. C. Parkinson at the School of Pharmacy, Brighton Technical College, Brighton, 7.

Health Centre Opened

INTEREST-FREE LOAN FOR DOCTORS

A NEW form of co-operation under the National Health Service was inaugurated on January 9 by the Minister of Health (Mr. Derek Walker-Smith). He opened a health centre at Oxhey, Herts, which combines services provided by Herts county council with those of a group practice in which five doctors are taking part. The doctors, with an interest-free loan provided under the Health Service, have built their group surgeries next door to the council's maternity and child welfare and other clinics.



CHEQUE FOR SECRETARY: Mr. H. G. Moss (president, Proprietary Articles Trade Association) hands to Mr. H. E. Chapman (secretary of the Association) a cheque, the proceeds of a testimonial fund. The presentation took place at a luncheon in London on January 8 (see p. 59).

Helping Haemophiliacs

WORK OF A SOCIETY

SPEAKING at a general meeting of the Haemophilia Society in Manchester on January 10, Sir Weldon Dalrymple-Champneys (president of the Society) appealed for information about any sufferers from the disease in Britain. He said that the Society, though well organised to help haemophiliacs, was in touch with fewer than half of the estimated 2,000-3,000 in Britain. More than twenty treatment centres were available throughout the country.

Cosmetic Chemists

"PURE" PERFUMERY CHEMICALS

SPEAKING on "Perfumery Chemicals" at a recent meeting of the Society of Cosmetic Chemists, Mr. R. A. A. Lacey (Polak & Schwarz (England), Ltd.), said that in recent years the accent had been on the development and improvement of manufacturing techniques and the introduction of new perfumery chemicals. There had also been an increasing demand for so-called "pure" perfumery materials and the manufacturer was thus faced with the difficult problem of ascertaining from the perfumer the exact interpretation to be placed on the word "pure." It was often found that a chemically pure compound was not, in fact, required; the manufacturer must then rely on his ability to match the odour of a sample submitted by the customer and which was regarded as satisfactory. When a material of high chemical purity was prepared its odour in many cases differed radically from that of the commer-

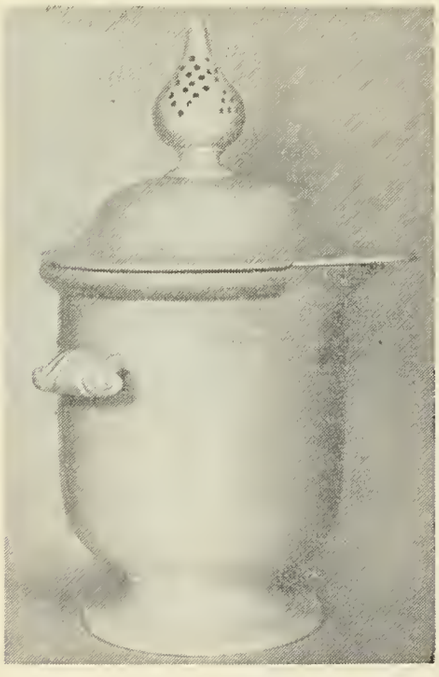
cially available pure material and in some instances the product was almost odourless. Geranyl caproate and linalyl cinnamate were odourless when chemically pure, whilst pure linalyl acetate was often mistaken for terpenyl acetate when judged on odour alone. In making a commercially pure product the manufacturer must distinguish between those impurities which must be removed and those which made the required contribution to the generally accepted odour of the product. In recent years a " powerful analytical tool " had been found in gas phase chromatography. In the isolation of chemicals of commercial purity from natural sources efficient control had to be exercised to ensure that successive batches always contained the same minor impurities in the same relative amounts, because their presence exerted a strong modifying action on the odour of the final product Since increased efficiency of purification also incurred increased manufacturing cost it naturally followed that an economic balance must be found between degree of purity and cost to the customer.

Study Tour for Foremen

A VISIT TO GERMANY

A TWO-WEEK study tour of German factories for foremen and forewomen from British industry is being organised by the Industrial Welfare Society. The aim is to provide a broadening experience through the study of the German approach to personnel work, training, labour relations, etc., and by giving delegates the opportunity to find out the duties and responsibilities of their opposite numbers in that country. The tour is from April 11 to 24 and the party—which is limited to forty—is to be based on Dusseldorf. A wide varicty of industries has been selected for the group to study.

MUSEUM PIECE



Leech jar of white earthenware, about 16 in. high. *From the collection of Philip Harris, Ltd., 144 Edmund Street, Birmingham, 3.*

IRISH NEWS

THE NORTH

Ulster Chemists

EXECUTIVE DISCUSSES CLOSING TIMES

ULSTER Chemists' Association is to send a questionnaire to all its Belfast members asking for their opinions on suggestions that city pharmacies should close at 6.30 p.m. every evening (except Saturdays) and that Saturday should bc a general half-holiday in Belfast. The suggestions were discussed at the monthly meeting of the executive committee held in Belfast on January 6. Mr. J. A. Brown (president) was in the chair.

Dealing with matters arising from the annual meeting of members, the proposed abolition of the weekly late night in Belfast was considered. Miss A. E. Strachan (secretary) reported that there had been a movement among members towards that end and many thought that chemists' shops should close every evening (except the half-holiday) at 6.30 p.m. A request for a general Saturday half-holiday was also discussed, and the secretary was instructed to send out a questionnaire on the two suggestions. A request from the Associates' Section for a 6 p.m. closing in the city was received. It was agreed that that request should be reconsidered when the views of members were known. Members' general dissatisfaction with profit margins was discussed and a sensc of frustration was expressed at the outcome of various meetings held by the committee with ethical manufacturers. The manufacturers were not prepared to reconsider their profit margins, which pharmacists found inadequate in face of present high overhead costs. The following were elected to membership:—Mr. J. Blaney, The Medical Hall, Kirkcubbin (successor to Mr. S. M. Davis); Mr. J. G. Mcllroy, 82 York Road, Belfast (successor to Mr. J. Meban); Mr. W. R. M. Horner, The Square, Comber, co. Down; John Bell, Ltd., 10 Lower Garfield Street, Belfast.

Also present were Misses C. B. Abernethy, C. E. Culbert, Messrs. J. C. Acheson, H. S. Anderson, J. Caldwell, R. Gibson, R. A. McEwen, J. K. McGregor, W. J. Moffett, M. C. Mooney, J. Paul, C. L. G. Rattie, A. Steede, A. Templeton, J. C. Wellwood. Apologies for absence were received from Messrs. N. A. J. Anderson, H. G. Campbell, H. W. Gamble, T. A. Gibson, W. L. McDonnell, W. R. McNabb, W. I. Rankin (treasurer).

Calendar of the Society

GUIDE TO PHARMACY LEGISLATION

THE 1958 Calendar of the Pharmaceutical Society of Northern Ireland contains comprehensive details of pharmaceutical legislation in Northern Ireland in addition to the regulations of the Society. Included are the Pharmacy and Poisons Acts and also the Dangerous Drugs Act, 1951 and D.D. Orders and Regulations, the Therapeutic Substances Act 1956 (and the Therapeutic Substances Regulations), the Intoxicating Liquor Act (N.I.), 1923, and the Methylated Spirits and Ether Regulations. The Calendar is available from the Pharmaceutical Society of Northern Ireland, 73 University Street, Belfast, price £1 1s. (plus 9d. postage).

THE REPUBLIC

Competition Winners

HEAVY SALES PROMPT EXTRA PRIZES

WINNER of the first prize (£140) in a Christmas sales competition, 1958, organised by Johnson & Johnson (Ireland), Ltd., Tallaght, co. Dublin, Eire, were Roche's the Chemists, 61 Upper O'Connell Street, Dublin. Second prize (£30) went to Mr. D. F. O'Sullivan, M.P.S.I., 3 Merrion Road, Ballsbridge, Dublin; third (£25) to Miss M. Tierney, M.P.S.I., Ballinteer Road, Dundrum, co. Dublin; fourth (£15) to Leahy's Pharmacy, 5 Parnell Street, Limerick; and fifth (£10) to Mr. J. T. Foley, M.P.S.I., 63 Clontarf Road, Dublin. The second to fifth prizes were added because of the excellent co-operation by chemists throughout the Republic, resulting in greatly increased sales of the company's products.



Mr. J. P. Roche (managing director, Roche's the Chemists, Dublin) receives from Mr. J. W. Place (director and general manager of Johnson & Johnson (Ireland), Ltd.) a cheque representing first prize in the 1958 Johnson & Johnson sales competition.

IRISH BREVITIES

THE NORTH

FOLLOWING the showing of a film on " Diuretic Therapy with Saluric " there is to be a talk by Dr. J. J. F. Merry (Merck Sharp & Dohme, Ltd.) at a meeting organised by the Pharmaceutical Society of Northern Ireland, at 73 University Street, Belfast, at 8 p.m., on January 20.

THE REPUBLIC

MR. A. C. Hennessey, M.P.S.I. (vice-president, Irish Drug Association) and Mrs. Hennessey, and Mr. B. R. Smith (I.D.A. secretary) and Mrs. Smith were among those present at the Benevolent Fund dance of the Pharmaceutical Society of Ireland (see *C. & D.*, December 27, 1958, p. 685).

THE Pharmaceutical Chemists and Students Foundation Club committee are holding their annual dress dance at the Metropole ball-room, Dublin, on January 22. The aim is to provide club premises for students to have recreation rooms of their own. Tickets (17s. 6d. each) are available from the hotel and from Mr. C. McGarry, 27 Dunville Avenue, Ranelagh, Dublin, Mr. W. J. Gardner, 10 Orwell Road, Rathgar,

Dublin, or members of the I.P.S.A. committee.

THE next Congress of the International Pharmaceutical Students' Federation is being held at Nordig-on-See, Holland, in September. For Irish students the all-in cost is estimated at £25-£30. Those wishing to attend are urged to contact the secretary, Irish Pharmaceutical Students' Association, so soon as possible.

NEWS IN BRIEF

MR. H. H. Bagnall (Birmingham city analyst) retires on January 21 after twenty-nine years' service.

EIGHT pages in the *Evening Standard*, London, on January 8, were devoted to a survey of the pharmaceutical industry in Britain.

Two electric shavers were stolen from a counter at the pharmacy of Mr. H. M. Harvey, F.P.S., 140 Stanley Park Road, Carshalton, Surrey, on January 2.

MR. N. Greenwood (deputy clerk, Wolverhampton Executive Council) is to succeed Mr. T. M. Meadley as clerk to Bury Executive Council on February 1. Mr. Meadley has been appointed clerk to Bolton Executive Council.

FEATURED on January 7 in a series of articles entitled "Great British Enterprises" in the *Evening News*, London, was the insecticidal research work carried on at the Berkhamsted, Herts, technical bureau of Cooper, McDougall & Robertson, Ltd.

DETAILS of the agreement on the revised salary scales for hospital pharmacists (see *C. & D.*, December 6, 1958, p. 597) have been circulated to employing authorities. The information is contained in Memorandum H.M. (59) 1 and P.H. circular No. 23.

DR. Helen K. Porter is to succeed Professor F. G. Gregory in the chair of plant pathology at the Imperial College of Science and Technology. She is the first woman to be appointed a professor at the College, where she has been in charge of a laboratory working on plant enzymes since 1953.

AN information centre has been opened at the London office of the United Kingdom Atomic Energy Authority at which unclassified material (i.e., with no security restrictions) may be consulted. Next to the centre is a photographic library with a collection of about 8,000 photographs.

A COURSE for senior technical executives in industry is being held at the Harwell Reactor School, June 15–25. Fee for the course is £52 10s. (exclusive of accommodation). Application forms and details are available from The Principal, Reactor School, Atomic Energy Research Establishment, Harwell, Didcot, Berks.

AMENDMENT List No. 2 to the 1957 report of the Standing Advisory Committee on the Carriage of Dangerous Goods and Explosives in Ships is on sale at H.M. Stationery Office, price 7s. 6d. Alterations to the explosives section of the report, published separately as Amendment List No. 2 to the "Rules for the Packing, Stowage, and Labelling of Explosives for Carriage by Sea," are also available, price 3s.

TOPICAL REFLECTIONS

By Xrayser

Prescription Charges

Within the limits of arithmetical error, statistics tell the truth. It may, without the shadow of a doubt, be taken that the figures used by the two economists for an investigation into the effects of prescription charges under the National Health Service are accurate. There can be no gainsaying the monthly statistics provided by the Joint Pricing Committee for England for the years 1951–57 (Leader, p. 39). The authors of the investigation have, within the limits of their task, drawn what appear to be the correct conclusions, and your editorial forecast of the probable effects of the shilling per item has been proved to be correct. Yet conclusions based on official statistics for the country as a whole, while extremely valuable, cannot tell the whole story. There has been a decrease in average frequency per patient. There has been a rise in the average cost per prescription. Unfortunately, nothing in the official figures gives any indication of the social effects of such changes as have taken place. There is, it is true, a figure of 6·9 per cent. which was estimated to be refunded by the National Assistance Board (it is to be noted that, among otherwise precise statistics, that figure is *estimated*). The very tidiness of official statistics may obscure many things. Is there any means of showing whether the fall in frequency has been achieved equally over the whole social scale, irrespective of income? Have the increases resulted in hardship which may not be taken care of by assistance grants? Are young mothers of young families delaying to call in the doctor during the first stages of illness? Is there a tendency to resort more than before to the cheaper "patent" medicines? One of the much publicised benefits of the National Health Service was that lack of means would not deprive the needy of adequate medical care. Only those who are dealing with the public at the point at which finance directly enters know the answer to the questions asked. They are the pharmacists. And discussion with pharmacists in areas affected by "recession"—admirable word—confirms that nation-wide statistics, supplied by a Joint Pricing Committee, while they may satisfy the statistician, ignore human consequences.

Sartorial Shortcomings

The publication on p. 36 of opinions relative to the appearance of commercial travellers in our modern world is an indication that some of the members of that band of brothers are offended by the manner and appearance of their younger "no-hat, flannel-trousers and sports-jacket" approach. One must be careful to make allowances for the age in which we live. I have no doubt that an earlier generation was perturbed when its members, after the 1914-18 war, appeared in lounge suits and soft hats, despite the example of their elders, who continued to impress the business world with silk hat, rolled umbrella and neatly-trimmed beard. It may be that there has been a concurrent deterioration in the sartorial standards of those upon whom they call. On the whole, I think pharmacy has little cause for complaint, though a patronising condescension on the part of some medical representatives has been evident of late.

The Other Side

What of the other side of the counter? In my early years I recall a dignity of manner and a correctness of attire which, in the more decorous pharmacies, rose to the exalted heights of a frock-coat and heavy gold watch-chain. If beards were not universally worn, there was frequently a moustache of luxuriant growth. And, symbol of professional servitude, an apron! The younger pharmacist would laugh at the thought, but those who wore an apron have told me that in those days of ointments, pills, emulsions and mixtures, nothing afforded quite the same protection. But beards and ointments, frock-coats and emulsions have become infrequent interlopers in a medicine which is increasingly dependent on manufacturing laboratories. The apron has been put away with the plaster iron and the infusion pot to await the last trump. Dispensing in elegant attire is no longer a matter of grave risk to the wearer.

NEW PRODUCTS AND PACKS

Chloromycetin for Animals. — From January 19, Parke, Davis & Co., Ltd., Staines Road, Hounslow, Middlesex, are marketing Chloromycetin Vetrettes, 500 mgm., for oral and intra-uterine administration of Chloromycetin to large and small animals. The pack is a box of six.



TWO SIZES: The 250-tablet and forty-tablet packs in which Hexopal (meso-inositol hexanicotinate) is issued by the manufacturers, Bayer Products, Ltd., Neville House, Eden Street, Kingston-on-Thames.

"Self-selling" Cotton Wool.—Robinson & Sons, Ltd., Wheat Bridge Mills, Chesterfield, issue G.P. (general purpose) cotton wool with other fibres pleated for easy and economical use and presented in printed polythene bag.

Veterinary Streptomycin.—Distillers Co. (Biochemicals), Ltd., Broadway, London, S.W.19, announce the introduction of Mixtamycin solution veterinary, each 30-mil vial of which contains 5 gm. of streptomycin sulphate and 5 gm. of dihydrostreptomycin sulphate in 30 mils of solution ready for injection.

Streptokinase by the Buccal Route.—The Lederle Laboratories division of Cyanamid of Great Britain, Ltd., Bush House, Aldwych, London, W.C.2, are marketing a new speciality, Varidase streptokinase-streptodornase buccal tablets, which are understood to control inflammatory reaction, reduce swelling, and relieve associated pain. The tablets may also be used with antibiotics in infective conditions such as cellulitis, abscesses, thrombophlebitis, sinusitis, chronic bronchitis, leg ulcers and chronic bronchiectasis. Each tablet contains 10,000 units of streptokinase and 2,500 units of streptodornase. The pack contains twelve tablets.

Help for Haemophiliacs. — The Crookes Laboratories, Ltd., Park Royal, London, N.W.10, are making available a new anti-haemophilic globulin in sufficient quantities to enable all haemophiliacs treated at the Medical Research Council's special centres to receive urgent supplies when necessary. The new preparation is obtained from the blood of pigs (which has nearly twenty times the anti-haemophilic properties of human blood, the transfusion of which up to now has been standard treatment). The preparation makes the patient's blood clot, so that continuous bleeding ceases and the life of the haemophiliac is saved. It is in the form of a white powder and is injected by the transfusion method. One drawback to the new animal anti-haemophilic globulin is that it sets up a reaction in the patient's blood which causes it to become resistant to the globulin. In other words its use may save the patient's life once but no more. The company hope that before long they will be able to make a purified preparation that will not be antigenic.

Dexamethasone.—For Dexa-Cortisyl, a new speciality launched by Roussel Laboratories, Ltd., 847 Harrow Road, London, N.W.10, it is claimed that the compound, which is related to cortisone, is outstanding because the addition of a halogen atom to the cortisone nucleus has considerably increased its anti-inflammatory potency; because methylation at carbon atom 16 has suppressed the mineralocorticoid activity of the fluorine derivative, further reinforcing the anti-inflammatory action, and because the prednisolone part of the molecule possesses anti-inflammatory properties without retention of sodium and water. The result is a product with seven to eight times the anti-inflammatory potency of prednisone and prednisolone, thirty times that of hydrocortisone, and thirty-five times that of cortisone. Dosage is of the order of 1·5–3·0 mgm. per day for initial treatment, and 0·75–1·25 mgm. per day for maintenance treatment. The packs are bottles of twenty, 100 and 500 scored tablets each containing dexamethasone acetate equivalent to 0·5 mgm. of dexamethasone.

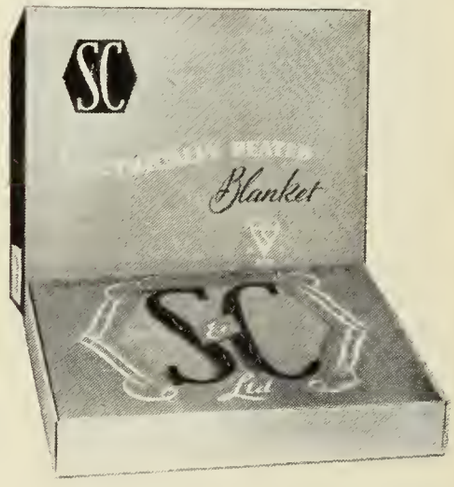
Tonic Tablets. — From January 19, Pfizer, Ltd., 137 Sandgate Road, Folkestone, Kent, as United Kingdom representatives of C. H. Boehringer Sohn, Ingelheim-on-Rhine, Germany, are marketing Villescon tablets in the United Kingdom. Each Villescon tablet contains 1-phenyl-2-pyrrolidino-pentane hydrochloride, 10 mgm.; with vitamin B_1, 5 mgm.; vitamin B_2, 3 mgm.; vitamin B_6, 1·5 mgm.; nicotinic acid amide, 15 mgm.; and vitamin C, 50 mgm. The product is described as a new approach in the field of tonics, its unique component 1-phenyl-2-pyrrolidino-pentane hydrochloride increasing appetite in most cases, increasing pulmonary ventilation; and producing a striking improvement in the patient's frame of mind and will to recover from illness. Villescon may be used for convalescence after illness or operation, stress, strain or overwork; for the aged (in whom an increased enjoyment of food and a keener interest in the world about them are most desirable); and after childbirth, especially where the mother is breast-feeding. The packs are a carton of twenty (five foiled, catch-covered 4's) and a bottle of 200 tablets.

Dropper Bottle. — Ayrton, Saunders & Co., Ltd., 34 Hanover Street, Liverpool, 1, have introduced a new dropper bottle, the "Monroe." The bottle is flat-faced for easy label reading and easier visual filling, ribbed on three sides for touch identification, and amber in colour. The suppliers claim that the bottle is priced to beat any known dropper bottle at present being marketed, whilst maintaining the highest standard of quality. It is available in ¼-oz., ½-oz. and 1-oz. sizes.

Supplies Available.—Parke, Davis & Co., Ltd., Staines Road, Hounslow, Middlesex, announce that they have supplies available of viomycin sulphate, presented as a sterile powder in sterile vial (containing the equivalent of 1 gm. of viomycin base) to meet the demand likely to arise when the antibiotic is generally released to N.H.S. prescribers on February 1.

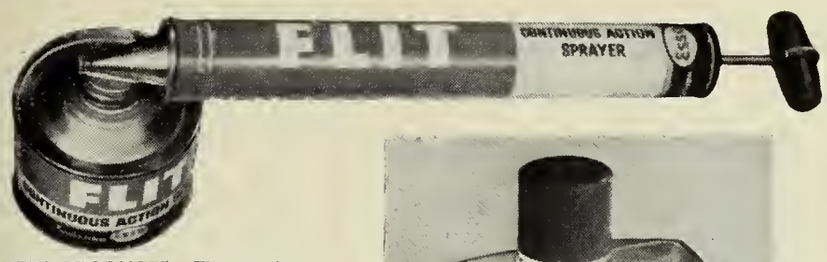
Toiletries for Men. — The label design of the "Modern Man" series of toilet preparations for men has recently been improved. The products were devised and formulated by Wallace & Denston, Ltd., 94 Avenue Road, Acton, London, W.3, and are manufactured and marketed by Gentlemen's Requisites, Ltd., 30 Craven Street, London, W.C.2. They include after-shave lotion, brilliantine, shampoo, tonic hair dressing, toilet talc, and deodorant.

Electric Blankets from Own Looms. —Features of a new range of low-loaded, high-safety electric blankets marketed by Sutcliffe & Clarkson, Ltd., Spa Street Works, Burnley, Lancs, are that the fleecy wool-mixture blanket material is made on the company's own



looms and that luxury ribbon binding is standard on all models. All elements are insulated with the latest heat-resisting grade of polyvinyl chloride. The blankets, which bear the "kite-mark" that denotes they comply with the British Standards specification, are in single-bed size with illuminated on/off switch and double-bed size available either as single-heat blanket or with three-heat switch. Each carries a twelve-month guarantee backed by forty-eight-hour after-sales service.

Treating Skin Blemishes. — A product, Clearskin, introduced by Yardley & Co., Ltd., 33 Old Bond Street, London, W.1, is put forward as "the new and satisfactory answer to distressing spots and blemishes that beset teen-





NEW PRODUCTS: Flit continuous sprayer and Flit insect-repellent lotion, recently put on the market by the specialities division, Esso Petroleum Co., Ltd. (see *C. & D.*, January 10, p. 33).

agers and women." Clearskin is a greaseless cream which is issued in a card-covered metal tube with full-diameter plastic head.

Silicone Resins.—Four new silicone resins have been added to the range available from the Nobel division of Imperial Chemical Industries, Ltd., Millbank, London, S.W.1. They are DP 89, DP 103, DP 87 and DP 88. Each is understood to provide full silicone protection to the organic component of surface coatings exposed to heat.

TRADE NOTES

Withdrawn. — Duncan. Flockhart & Co., Ltd., 16 Wheatfield Road, Edinburgh, 11. announce that syrup pholcodine, Duncan, is withdrawn, its place in the company's range being taken by Glycodine brand of cough mixture containing pholcodine.

Manufacturing Activities to Expand.—Carnegies of Welwyn, Ltd., who have been acquired by Rexall Drug Co., Ltd. (see p. 61) are continuing to operate in Welwyn Garden City as manufacturers of bulk chemicals and are putting in hand a programme of expanded manufacturing.

For Relief of Congestion.—Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1, are now distributing on a national basis Colbax air spray, which was "recently tested and proved a ready sales-winner in the Southern television area." Pressure-packed, Colbax is claimed to give effective relief from congestion associated with colds, influenza and catarrh. In addition to ephedrine, Colbax contains a germicide to prevent the spread of infection.

American P.V.C. Plant at Slough.—A new plant for the polymerisation of a wide range of polyvinyl acetate emulsions is now in production at Slough, Bucks. It is owned by National Starch Products, Inc., New York City, and operated by National Adhesives, Ltd., a subsidiary. The new plant is to provide a centre for research and technical service facilities for emulsion technology in Great Britain and aid free exchange of new developments in those fields between British and American technologists.

Oxygen Therapy Set.—Approved by the Ministry of Health for loan by chemists against EC10 prescription orders, and included on the Drug Tariff, the Normalair lightweight set enables an accurate oxygen supply to be provided direct from any standard bull-nose-valve oxygen cylinder. An integral guard protects the flow selector and pressure gauge from tightening of the wing nut. No leak testing is necessary. The weight is 2¼ lb. Manufacturers are Normalair, Ltd., industrial division, 27 Minshull Street, Manchester, 1.

Royal Warrants. — F. G. DE FAYE, LTD., perfumers, Jersey, Channel Isles, have been granted permission to style themselves "By appointment to the late Queen Mary."—Mr. Kenyon W. J. Jones (chairman and managing director, RONSON PRODUCTS, LTD.), announces that the company has been granted a Royal Warrant of Appointment as suppliers of electrical shavers to H.R.H. the Duke of Edinburgh.

Approved in West Germany. — Six principal models of Nu-Swift pressure-charge-operated fire extinguishers, the manufacturers of which are Nu-Swift, Ltd., Elland, Yorks, that have been approved by the West German Government, are understood to be the first British-made extinguishers to receive such approval. Since 1941 it has been a penal offence in the Republic to sell or offer for sale any extinguishers that have not been examined and approved by the [West German] Government Testing Station for Hand Fire Extinguishers.

Close Neighbours. — Intercontinental Marketing Services, Ltd., specialists in the advertising of "ethical" pharmaceuticals, have taken accommodation in the Kingsway offices of Allardyce Palmer, Ltd., incorporated practitioners in advertising, 109 Kingsway, London, W.C.2. Messrs. I.M.S. announce that the move does not affect the status or operations of either company. Each will continue to advertise on behalf of its own clients as before (I.M.S. largely to the medical profession, and Allardyce Palmer to the industrial and consumer markets). For certain purposes the close geographical link will allow the two organisations to pool their resources.

Exhibitions and Fairs

DISPLAY MARKET WEEK, 1959, Russell hotel, Russell Square, London, W.C.1, February 23–26. Organisers: National Display Equipment Association, 2 Caxton Street, London, S.W.1.

Bonus Offers

BURROUGHS WELLCOME & CO., 183 Euston Road, London, N.W.1. Marzine. Fourteen to doz., with payment deferred until August. Until February 28.

ERNEST JACKSON & CO., LTD., Crediton, Devon. Pastilles and lozenges (eighteen varieties). Thirteen doz. invoiced as 12 doz. night cough pastilles. Four tins free with order for 3 doz.

MERCK SHARP & DOHME, LTD., Hoddesdon, Herts. Tyrozets and Sucrets. Fourteen to doz. on order up to 2½ gross; 6 doz. tubes free on order for 2 gross. Last few weeks.

CROOKES LABORATORIES, LTD., Park Royal, London, N.W.10. Crookes hand cream and hand lotion. Thirteen to doz., with extra doz. on order for 6 doz.

RACASAN, LTD., Ellesmere Port, Ches. Aerosols Space and Jet may be included with blocks and containers for bonus discounts (see *C. & D.*, January 10, p. 32).

THERMOS, LTD., Seymour Road, London, E.10. Thermos flasks, jugs, jars and ice bowls, components and accessories. 5 per cent. extra on order value £7 10s. or over.

THOMPSON & CAPPER, LTD., Liverpool, 24. Mothaks. 5s. per gross, plus 2½ per cent. of total order when Parador air freshener and aerosal and Mothak fly spray and powder are included.

ELLIMAN, SONS & CO., LTD., Slough, Bucks. Elliman's Fibro cream. Fourteen to doz. Seven to ½-doz. Through wholesalers or from Potter & Moore, Ltd., Lavender House, Seymour Road, London, E.10.

Calls for Tenders

THE Board of Trade has issued details concerning tenders sought by various overseas bodies, and an outline is given below of the requirements and closing dates. For fuller information readers should apply, quoting reference, to Export Services Branch, Lacon House, Theobalds Road, London, W.C.1.

Gammexane dust, 171 long tons. Deputy Director General of Supply and Development, Chittagong, Pakistan. (ESB 32195/58. February 12.)

Insecticides, 208,000 lb. D.D.T., 7,000 lb. aldrin, 1,000 lb. dieldrin and 500 lb. endrin. Office of Supply, Government of the Republic of Korea, Seoul, Korea. (ESB/32147/58/ICA. January 27.)

Gammexane water-dispersible powder, 41,370 lb. Director General of Supply and Development, Chittagong, Pakistan. (ESB 32193/58. February 10.)

INFORMATION WANTED

The Editor would appreciate information about the following:

Dresstitex starch. Odusil. Ketrosect
SB2 skin lotion
Eclipse feeding bottle
Minacrin mouth wash
Supervac vacuum flask
Cremer medical lamp

PHOTOGRAPHIC NOTES

Enprints from Colour Negatives. — Agfa, Ltd., 27 Regent Street, London, S.W.1, announce that Agfacolor "enprints" may be made from customers' negatives in sizes 3½ x 5 in. from 35-mm. and oblong negatives, and 3½-in. sq. from square negatives.

Photo Finishing in the West. — Services offered to chemists and dealers by Photomation, Ltd., Ashcombe Park Road, Weston-super-Mare, include a return-of-post first-quality finishing service and the production of high-quality postcards in bulk at competitive prices.

Purchase-tax Protection. — North Staffs Photographic Services, Balls Yard, Newcastle, Staffs, offer dealers a sale-or-return scheme on some of the firm's products to take away from the dealer the risk of losses through a Budget reduction in tax on photographic goods. The scheme applies to cameras, exposure meters, lenses, enlargers and other numbered equipment.

D. and P. for the Trade.—Will R. Rose, Ltd., announce that they are in a position to accept larger amounts of developing and printing work (both black and white and colour) for the trade at their Chester and Oxford processing stations. Details may be obtained from the company at the Photographic Laboratories, Hamilton Place, Chester, or the Photographic Laboratories, 20 St. Ebbes Street, Oxford.

Pre-Budget Orders.—Pullin Optical Co., Ltd., 93 New Cavendish Street, London, W.1, are operating a scheme sanctioned by the Customs and Excise authorities whereby specific goods ordered before Budget day (early in April) are sent on a sale-or-return basis. The dealer must send to the company on the first of each month and on the day before Budget day a return of unsold goods of the agreed kinds.

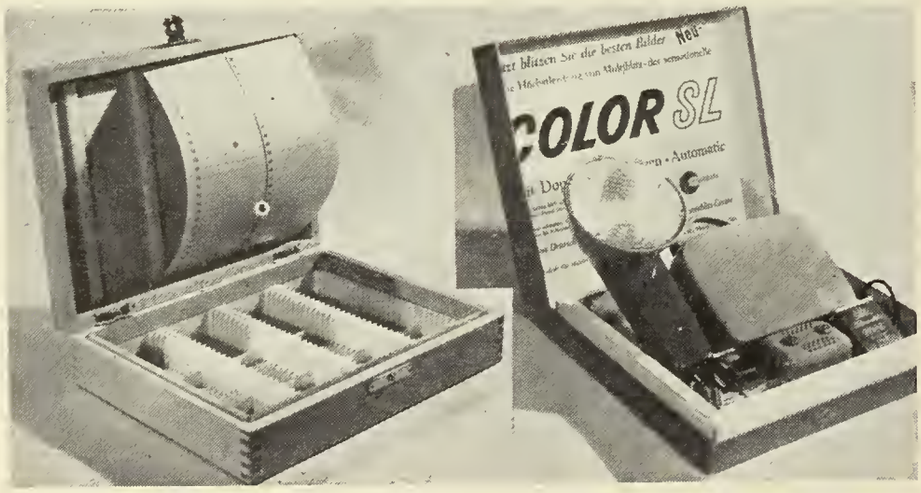
Slide Cabinet. — For the growing number of users of 2 x 2 in. slides for viewing or projection, North Staffs Photographic Services, Ball's Yard, Newcastle, Staffs, issue a wooden cabinet with a dust-excluding internal strip and plastic internal divisions numbered to correspond with an index card seen in the illustration. The cabinet is in two sizes: to hold 120 and 240 slides respectively.

Pint-size measure in Polythene. — Pullin Optical Co., Ltd., 93 New Cavendish Street, London, W.1, are marketing a new 20-oz. polythene measure graduated for c.c. and fl. oz., with base in second colour and engraved calibrations on both sides of the measure.

Twenty-fifth Anniversary Issue.—The G.B. Film Library, Aintree Road, Perivale, Middlesex, to celebrate the twenty-fifth anniversary of its existence, has brought out a special issue of *Film News*, a quarterly magazine that keeps subscribers informed on new 16-mm. releases and general film information. The issue tells the story of the library's development and the services it offers. It gives prominence to the library's recently introduced "personal producer" scheme which offers a range of technical services to film producers; and to Movie-pakettes, a range of 8- and 16-mm. films.

International Salon of Photography. —Closing date for black-and-white photographs and colour slides entered for the twenty-third Rochester, U.S.A., International Salon of Photography, is February 8, 1959. Data and entry forms are available from Mr. G. Plomasen, exhibits director, 210 Nob Hill, Rochester 17, New York, U.S.A. For the first time, the salon is to have a pictorial colour prints section. There are sections for pictorial colour slides, Pictorial prints (monochrome), nature prints, nature colour slides, and stereo slides. Medals will go to the best three photographs in each of the six sections. Entry fees range from $2 to $4, depending on the number of print sections entered. Where currency restrictions make dollar remittances impossible, ten International Reply Coupons should be forwarded for every dollar of entry fee.

"Wet" Accumulators Unnecessary. —The new and exclusive feature of the Multiblitz electronic flash unit marketed by North Staffs Photographic Services, Ball's Yard, Newcastle-under-Lyme, Staffs, is its Dryfit 4-volt accumulator, a sealed unit requiring no acid, no maintenance and no regular charging. After every fifty or sixty flashes the unit is replenished *via* the mains. After 2,000 or so flashes it may be replaced at a comparatively low cost. The Multiblitz S.L. features a non-adjustable neon indicator light which glows only when the capacitor is fully charged, thereby giving consistent results. All the controls are located on the lightweight nylon head of the unit.



At left: Wooden cabinet for dust-free housing of 2 x 2 in. slides. Right: Multiblitz Color SL electronic flash unit with 4-volt accumulator. Both are by North Staffs Photographic Services, Ball's Yard, Newcastle, Staffs.

For Posting 35-mm. Negatives.—The latest version of the TPS 35-mm. pack produced by the Temple Photo Service (packaging division), 133 Duckmoor Road, Ashton Gate, Bristol, 3, includes like its predecessor a negative platform around which is wound the whole film,



together with a strip of Glassine lining paper, but the carton, which also held the enprints, is replaced by a smaller carton that simply holds the negative platform and film. Platform and carton are supplied flat, and may be easily erected for use. The carton is surprisingly sturdy when closed and should withstand the necessary journeys through the post. Its colours are maroon and white. The carton also fits into one side of a large wallet. Negative reprint order forms are supplied if required. The company also issue a negative wallet lined with four Glassine envelopes.

Pocket-size Flash Unit.—To complement the Ilford Sportsman 35-mm. camera, Ilford, Ltd., Ilford, Essex, have introduced a compact battery-capacitor flash unit, the Sportslite. Designed to use only capless flash-bulbs, the Sportslite may be used with any camera fitted with a standard accessory shoe and 3-mm. co-axial flash connector. The reflector of the Sportslite is of unusual design. It consists of eight blades shaped like the leaves of a camera iris diaphragm and the blades, for carrying, retract into the body of the unit. When wanted for use the blades, by a quick twist of the lugs on the centre section of the body, extend to form a 3¾-in. reflector. When the reflector is retracted the overall size of the unit is 4 x 2½ x 1½ in. A zip-fastening carrying case is supplied that may be fastened to the strap of the camera case. The body of the Sportslite is made from cream-coloured plastic and an exposure guide moulded into the back of the body shows camera aperture settings required when using either PF 1 or PF 5 flash-bulbs with Ilford colour film F or Ilford FP3 or HP3 films. The unit is fitted with a simple bulb ejector and a 10-in. length of connecting lead. The power supply is a standard 22½-volt B122 hearing-aid battery.

PRESENTATION TO MR. H. E. CHAPMAN

Proprietary Articles Trade Association honours its general secretary

AT a luncheon in London on January 8 the Proprietary Articles Trade Association had as its guest of honour its own general secretary (Mr. Henry Esmond Chapman) to whom was presented a cheque representing the proceeds of the testimonial fund (see *C. & D.*, December 6, 1958, p. 608), which had been opened at the instance of the Association's presiding officer.

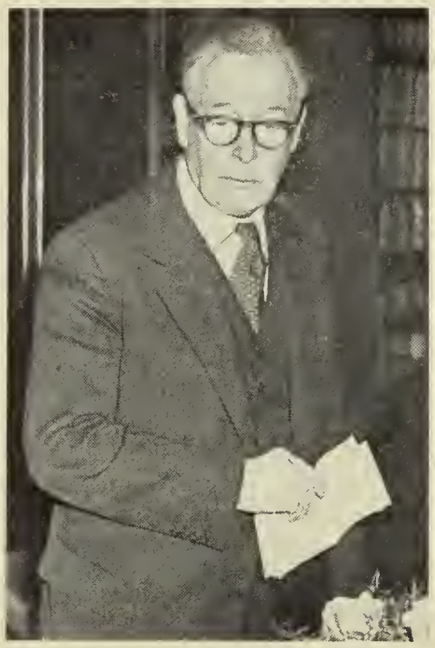
THE PRESIDENT (Mr. H. G. Moss), who was in the chair at the luncheon, said that having been chief officer of the Association and also chairman of the National Pharmaceutical Union for the past twelve months he had taken part in many pleasant functions, but not one had he looked forward to with greater pleasure. Of Mr. Chapman, "friend and wise counsellor for the past thirty-six years," he could say a lot, and all to his credit, but each of the signatories to the appeal was being given an opportunity of saying a few words and to say too much at that stage might steal their thunder.

SIR HUGH LINSTEAD said he had "served his apprenticeship" with Mr. Chapman in 1920–22. At that time pharmacy had Glyn-Jones "in all the vigour of his experience," and G. A. Mallinson, and through the P.A.T.A., the Pharmaceutical Society and the N.P.U. there had been constructed a magnificent system of organisation to help meet what pharmacy then needed. But geniuses inevitably left loose ends behind and between the people like Glyn-Jones and Mallinson were needed people who did the same sort of work in different ways. That was where men like Henry Chapman, Harry Noble, Bill Adams and himself came into the picture. Henry Chapman took over and did work which Glyn-Jones was incapable of doing. Chapman's work had more or less revolutionised the financial and social standard of pharmacists in this country, and he had done it not only through ability, but through his great personal characteristic of friendliness. Retail pharmacists owed a great deal to Mr. Chapman and he thought they would look back not only on the work he had done but on the personality he had been able to eject into pharmacy.

Charm and Competence

MR. ALLEN ALDINGTON said that, searching for words to use that day, he had thought the simplest were probably best, and he would say that H.E.C. combined charm with competent and efficient secretarial ability. He suggested that the "H" could stand for the heavy hand that had been essential during the many years Mr. Chapman had been secretary of the P.A.T.A.; the "E" for earnestness and efficiency in the service of members; and the "C" for courtesy and for charm.

MR. H. NOBLE said that secretaries tended to be either strong extroverts or to hide their lights under bushels. The man they were honouring fell into neither class, and into both. Nobody could down H.E.C. when he was fighting for someone else. In his own affairs or in framing or developing P.A.T.A. policies he tended even to create a smoke screen around the bushel! But his friends could see clearly through the smoke screen to the man, and what they saw they liked and admired. H. E. Chapman would most certainly be remembered for the notable victories he had won in the drug trade, and he was happy, said Mr. Noble, that Mr. Chapman was not retiring from the pharmaceutical picture.



Mr. Chapman speaks in acknowledgment of the presentation.

MR. H. W. HOLT (vice-chairman of the Fair Prices Defence Committee) said that it was mainly through the efforts of the Committee, led by Henry Chapman, that there had been preserved, to an extent far greater than was at one time anticipated, price maintenance, not only for the chemists' trade but for other trades. Mr. Chapman's leadership had resulted in Section 25 of the Restrictive Trade Practices Act being inserted. He was delighted to be present and to say to him "All honour to Henry Chapman . . . we feel you deserve every tribute that has been paid to you by so many colleagues today."

MR. S. W. DAY, speaking first as vice-president of the Proprietary Association of Great Britain, said he was entitled on behalf of most of its members, representing the manufacturing side of the trade, to say how much they owed to the efforts of Mr. Chapman and how much the trade as a whole had benefited from what he had so ably done. In his capacity as buyer for his company he acknowledged how much the company owed to Mr. Chapman. No one could have anything to do with Mr. Chapman without coming under his charm and gracious and lovely personality.

MR. O. H. WALLER (Editor, THE CHEMIST AND DRUGGIST) said that he could not claim so long an acquaintance with Mr. Chapman as many present. He had had occasion, however, to delve into the published records (and not only the *P.A.T.A. Record*) of Mr. Chapman's career and the records showed him to be a secretary of great resource, foresight, imagination and diplomacy. As a personal friend Mr. Chapman had been invariably cordial and appreciative, and it was with the greatest happiness, said Mr. Waller, that he associated himself with the tributes paid to Mr. Chapman by the other speakers.

MR. R. G. DYAS (treasurer of the P.A.T.A.) said he thought Mr. Chapman would like to know that the subscriptions came from far and wide, from every part of the country, from every section of the industry—manufacturers, retailers, wholesalers, and those in Ireland, and from several other members who had retired from the industry. That spoke for itself of the affection in which Mr. Chapman was held.

THE PRESIDENT then presented to Mrs. Chapman a bouquet of flowers "as a token of our love and appreciation," and to Mr. Chapman a cheque for £2,537 16s. The cheque expressed in no uncertain terms, he said, the great regard and affection which was held for Mr. Chapman by members in every branch of the pharmaceutical profession.

In his acknowledgement MR. H. E. CHAPMAN quoted the words of his predecessor (Sir William Glyn-Jones) on a similar occasion: "For some time past I have been looking forward to this moment with mixed feelings of pride and trepidation. It is impossible for me to say how deeply I feel the honour you have done me and never before have I felt how poor a thing is speech to convey those feelings that are deepest." If his friends in the pharmaceutical and allied callings he had endeavoured to serve felt that over the years he had displayed the qualities of courtesy, helpfulness and friendliness in the discharge of his duty there was no personal tribute he more appreciated and valued.

Association's Staff Entertained

THE president (Mr. H. G. Moss) presided at a Christmas party given by the council to members of the Association's staff in London, on December 10, 1958. Mr. Moss was supported by the chairmen of the manufacturers', wholesale and retail sections (Messrs. N. C. Jeffery, J. F. Boucher and C. H. Foster respectively) and by the treasurer (Mr. R. G. Dyas) and immediate past-president (Mr. L. D. Smith). Mesdames Moss, Jeffery, Boucher, Foster, Chapman and Stead were also present, but, to the regret of the gathering, Mrs. L. D. Smith was absent through illness. THE PRESIDENT proposed in kindly terms the toast of "The P.A.T.A. Staff," and, on their behalf, MR. J. R. CAMPFIELD responded, thanking the president and council for their hospitality. After the dinner, Mr. P. G. Flood, M.P.S. (a member of the Magic Circle), entertained the company.

P.A.T.A. ELECTS ITS OFFICERS

Manufacturers take their turn in providing president

MR. N. C. Jeffery (The British Drug Houses, Ltd.) was elected *President* of the Proprietary Articles Trade Association at a quarterly meeting of the council, held in London on January 8.

MR. H. G. MOSS (president), who was in the chair, welcomed Mr. J. F. Brooke, who had been nominated by Johnson & Johnson (Gt. Britain), Ltd., as the company's representative on the council; Mr. S. S. Howard (representing Barclay & Sons, Ltd.); and, *in absentia*, Mr. H. E. James (Butler & Crispe, Ltd.).

The result of the council election was reported. In the wholesale and retail sections there had been no contest. In the manufacturers' section there had been a contest for the five seats. The retiring members, Parke, Davis & Co., Ltd., Allen & Hanburys, Ltd., Elliman, Sons & Co., Ltd., and E. R. Squibb & Sons, Ltd., had been re-elected, together with Johnson & Johnson (Gt. Britain), Ltd. In congratulating the re-elected members of the wholesale and retail sections, the president took the opportunity to compliment Mr. J. E. Goodall on the completion of twenty-one years as a member of the retail section.

Restrictive Trade Practices

The council received the following report:—"During the period October–December 1958, numerous letters were sent to price-cutters in respect of the goods of and at the request of manufacturer members of the P.A.T.A. During the same period, the Association's representatives made, on behalf of those members, 261 calls, and a large number of test purchases. The area covered included various parts of London and many places in the provinces. Representations made to price-cutters resulted in promises of adjustment in a number of cases. The council are reminded that during the past year successful proceedings were instituted by Don S. Momand, Ltd. and Miles Laboratories, Ltd., Chesebrough-Pond's, Ltd. and Vick International, Ltd., and that injunctions in respect of the goods of those manufacturers were obtained against certain traders. The manufacturers concerned in those proceedings are members of the P.A.T.A. who, at their request, had served notice of their price conditions on those traders and had, by subsequent purchases from them, obtained evidence that the price conditions were not being observed. . . . The P.A.T.A. rendered assistance to those manufacturer members in the institution of the proceedings referred to."

Election of Officers

On behalf of the manufacturers' section, Mr. H. G. Middleton, proposing Mr. N. C. Jeffery as *President* for 1959, said that the section had met under Mr. Jeffery's chairmanship for the past three years, during which time they had keenly appreciated his tolerance, loyalty, impartiality and kindness, all of which were attributes desirable in the Association's president. That was supported by Mr. Boucher, for the wholesale section, and Mr. Foster (retail section) and carried unanimously.

Mr. Jeffery then took the chair and was invested by Mr. Moss with the president's badge of office. Mr. Jeffery, in acknowledging the honour paid to him by the council, of which, he said, he was acutely conscious, confined himself to an assurance that during his term of office he would do his utmost to conduct the affairs of the Association to the benefit of all members.

Mr. Jeffery then expressed, on behalf of the council, thanks to the outgoing president (Mr. H. G. Moss) for his able chairmanship during the past year.

Mr. Moss, acknowledging what had been said, stated that it was with mixed feelings and some sadness that he was relinquishing office after what had been a happy year during which he had received every support from his colleagues on the council. After paying tribute to the secretary and staff, Mr. Moss said that he could not do more than wish the new president as happy a year of office as he had enjoyed in the chair.

The following officers were also elected: *Vice-presidents*, Mr. T. Marns (manufacturers' section); Mr. J. F. Boucher (wholesale section); Mr. C. H. Foster (retail section); *Treasurer*, Mr. R. G. Dyas. *Executive Committee*, Messrs. J. R. Archer, N. Dewey, H. G. Middleton and G. M. Roberts (manufacturers' section); N. E. Forster, P. J. Lushington, H. G. T. Read and L. D. Smith (wholesale section); J. E. Goodall, D. A. Rees, W. T. Stoyle and G. H. Walker (retail section), with (ex-officio) the president, immediate past president, vice-presidents and treasurer.

An application for membership of the wholesale section submitted by J. H. Haywood, Ltd., Warser Gate, Nottingham, was accepted.

It was agreed that the next meetings of the sections and the full council, and also the annual meeting, should be held on April 9.

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

Long-term Planning Policy

SIR,—May I offer my thanks to Mr. Bingham, Bournemouth, and Mr. Scaddan, Reading, for their letters in support of my recent comments and suggestions. "L.W." is not the first employee-pharmacist to mention his "scarcity value." I can only say that in my younger days there was no scarcity of pharmacists and we either worked hard or got out! It seems a trifle dishonest to expect high wages because of a shortage of men. My advice to those young pharmacists who prefer independence to employment by multiples, co-operatives or a Government department is as follows: Before the age of thirty find a shop that can be expanded in due course, and get started. (Capital is essential but in these days local banks are very helpful.) Reading through the article in last week's issue "A Planned Alteration Pays Dividends" was most refreshing and helpful, and I advise every would-be proprietor to note carefully that Mr. Royce has achieved all this by hard work in the face of competition by three multiples plus two other chemists. Note especially that he went all out after the "lipsticks to empty-headed teenagers" trade, and that he is packing his own brand goods for sale. (Old Jesse Boot saw the profit in that idea nearly 100 years ago!) I am firmly of the opinion that the Pharmaceutical Society made an error in discarding the old Minor and Major examinations, for reasons stated in my first letter. However, it is hoped the more intelligent types now coming in will not all be absorbed as representatives or multiple managers. A few at least may organise a business such as Mr. Royce has done, and thereby secure for themselves a high standard of living plus a measure of that "freedom" that is so often mentioned by our politicians. And if any would care to see what can be done in a few years of intensive, hard work, a visit to my own pharmacy might be of interest. We close at 7 p.m. on three nights weekly, but I managed to make my own polished oak counters plus a lot of other fittings in my leisure time—and after the age of fifty; "clock-watchers" please note!

C. H. PATRICK,
Twyford, Berks

Welcome to Northern Ireland

SIR,—It was with great pleasure that I heard of the decision of K. G. Corfield, Ltd., to move their factory to Ballymoney, Northern Ireland. As a citizen of Ballymoney I can assure a cordial, enthusiastic and homely reception to each member of the company. I am convinced that our community will offer its traditional friendliness and hospitality—not only over the counter, but in our clubs, our societies and at our firesides. In addition I am sure that our countryside of mountain, river and coastal beauty—together with the attendant amenities of fishing, shooting, boating and golf will provide pleasure and delight to the newcomers in our midst. It is not of Ballymoney or its attractions that I wish to write, but of the article which is soon to be produced here. Already Periflex has made its mark as an outstanding product of quality and precision, and Messrs. Corfield have become known as a firm of repute in the photographic world. Is it, then, too much to predict that their enthusiasm, foresight and drive, allied to the craftsmanship, industry and technical quality of our people, will produce an even better Periflex. Again I must emphasise our welcome to Corfield on their momentous decision to come to Ballymoney.

HUGH G. CAMPBELL,
Chairman, Ballymoney Urban District Council,
President, Pharmaceutical Society of Northern Ireland

LEGAL REPORTS

Support for Chemist's Appeal

WHEN a Kenilworth bankrupt chemist was sentenced to six months' imprisonment for failing to keep business accounts, local townspeople got together to consider raising a fund to pay the costs of an appeal. That information was given to the Warwickshire Quarter Sessions Appeals Committee by Mr. J. A. D. Owen on behalf of the chemist, Mr. John Henry Whelch, The Square, Kenilworth, who was appealing against a sentence of six months' imprisonment imposed on him by the Kenilworth magistrates (see *C. & D.*, November 29, 1958, p. 576). Mr. M. Newell, for the Board of Trade, said that Whelch was bankrupt in the sum of £5,250. He also owed his mother £6,000 in connection with the purchase of the shop in 1952. Since 1953 he had kept no accounts except a debtor's book and scraps of paper, but information from creditors and from Whelch indicated that the business had run at a loss since April 1957. Mr. Newell added: "There is no suggestion of dishonesty in this case, but it is suggested that, if books had been kept, Whelch might have realised his financial position sooner. Creditors will now get about 2s. in the £1. Mr. Owen said that the local efforts to assist Whelch indicated his high reputation in the town. As an employee, he now has to keep the books "or be subject to the sack," Mr. Owen added. "He intends to repay every penny to his creditors." The Appeals Committee quashed the sentence, but imposed a fine of £25. The chairman said that the decision was "mainly in the interests of the creditors. . . . Although the fine is the maximum, it is totally inadequate to indicate our disapproval of such gross carelessness in business."

Stole Dangerous Drugs

STATED to have been a ward sister at London hospitals and at Billericay hospital, and to be a dispenser and midwife, Mrs. Evelyn Wells, Berry Lane, Laindon, Essex, who was employed by a local chemist, pleaded guilty at Billericay, Essex, recently, to a charge of stealing 291 tablets of Dromoran, nineteen morphine suppositories, and twenty ampoules of hypodermic morphine, the property of Mr. Samuel Relph, M.P.S., High Road, Laindon. Prosecution said that it was within Mrs. Wells' duties as a part-time dispenser at Mr. Relph's shop to have access to drugs. Nothing was noticed to be wrong until November 4, 1958, when Mrs. Wells collapsed at the shop and was sent home. The manager suspected that the symptoms were something like those of morphine deprivation and spoke to Mr. Relph. It was then found that certain drugs were missing. Interviewed by a policewoman, Mrs. Wells admitted stealing the drugs, which she said she had used on herself. She had taken them when making up Dangerous Drug prescriptions. She was placed on probation for two years, the chairman telling her the bench was taking a lenient view: it would have been different if the drugs had been used for monetary gain or given to other people.

COMPANY NEWS

Last year's figures in parentheses

POTTER & CLARKE, LTD. — Lieutenant-Colonel G. Hay has been elected chairman of the company.

BRAND & CO., LTD.—Net profit for year to September 30, 1958, is £202,251 (£218,417), and dividend of 16¼ per cent. (same equivalent).

A. MILLAR & CO., LTD., Dublin. —A dividend on the Ordinary Shares of 10 per cent. and a bonus of 3 per cent. (less income tax) is being paid for the year ended October 31, 1958.

DUNCAN, FLOCKHART & CO., LTD.—Lord Ferrier of Culter joined the board of directors on January 10 and has been elected chairman of the Company.

BRITISH GLUES & CHEMICALS, LTD.—An interim Ordinary dividend of 5 per cent. is declared in respect of the year ending March 31. (A similar payment was made for 1957-58, which was later followed by a final dividend of 15 per cent.)

JEYES' SANITARY COMPOUNDS CO., LTD.—Trading results for 1958 have been satisfactory and it is proposed to pay a final dividend of ninepence per 5s. share, making one shilling per share, or 20 per cent., as before. It is proposed to capitalise part of the share premium account by means of a two-for-five scrip issue. The directors consider that in the absence of unforeseen circumstances, it should be possible to maintain the present rate of dividend of one shilling per share, less tax, on the increased capital.

New Companies

P.C. = Private Company; R.O. = Registered Office

V. A. HENDERSON (CHEMISTS), LTD. (P.C.). — Capital £5,000. To carry on the business of chemists and druggists, etc. Directors: Vivian A. Henderson and Dora I. R. Watkins. R.O.: 1 Sheffield Road, Dronfield.

DUNCAN, FLOCKHART & CO. (NORTH BRIDGE), LTD. (P.C.) — Registered in Edinburgh. Capital £100. To take over the business of retail chemists at present carried on at 6 North Bridge, Edinburgh, 2. Directors: George Cathro, M.P.S.; J. Gray, M.P.S.; J. A. Hiddleston; and Nicholas Herdman, M.P.S. The new company is a wholly owned subsidiary of Duncan, Flockhart & Co., Ltd.

BUSINESS CHANGES

REXALL DRUG CO., LTD., have acquired the business of Carnegies of Welwyn, Ltd. (see also p. 61).

VAUGHAN & JONES, LTD., 218 High Street, Bangor, Caernarvons, ceased trading on December 31, 1958.

BREMNER-WHITE, LTD., have removed to Cails Yard, Haymarket, Newcastle-on-Tyne, 1 (telephone: 24036). A showroom is to be opened there shortly.

MR. FRANK G. MAY, M.P.S., has acquired the pharmacy of Millhouse & Roberts, 20 New Road, Gravesend, Kent, and from January 19 will trade as Frank G. May, Ltd. He has sold the May Pharmacy, Ltd., 66 Battle Road, St. Leonards-on-Sea, to Mr. E. W. Ward, F.P.S.

HEPPELLS (1932), LTD., are closing their branch at 72 Southampton Row, W.C.1, on January 17; prescription books and records are being transferred to the branch at 78 Strand, W.C.2.

ROBERT McADAM & CO., carrying on business as chemists at 105 Dumbarton Road, Glasgow, have been dissolved by the retiral of one of the partners, Mr. Robert McAdam. The business is being continued by Mr. James Henry Valentine, M.P.S., on his own behalf, under the name of Robert McAdam & Co.

Appointments

LINCOLN HAIR PRODUCTS, LTD., 55 Strafford Road, London, W.3, have appointed Mr. Kenneth Morris, F.R.I.C., their chemist.

BOWATER - SCOTT CORPORATION, LTD., Bowater House, Knightsbridge, London, S.W.1, have appointed Mr. H. B. Young their retail sales manager. Mr. Young, who has been assistant sales manager (retail) since March 1958, is to be responsible for the direction of retail sales in the United Kingdom.



BETTS & CO., LTD., Holloway Mills, Eelthorne Road, London, N.19, have appointed Miss L. E. Sargent their sales representative for the Greater London area.

RIKER LABORATORIES, LTD., Loughborough, Leics, announce the following appointments:—Mr. K. R. Fox their publicity manager; Mrs. P. C. Turnbull, B.Pharm., M.P.S., joins the staff of the medical information department; and Messrs. R. W. Beckwith, M.P.S., W. H. Calvert, M.P.S., W. H. P. Clarke, M.P.S., and F. L. Thomas, M.P.S., join the representative staff.

OVERSEAS VISITS

MR. F. A. S. WOOD (managing director, Croda, Ltd.) and his wife left England on January 8 to attend the opening of new plant in Belgium of their associate company (Croda Belge S.A.), at Rue Beribou, Verviers. Principal guest of the day was the Minister of Economic Affairs for Belgium.

DR. WILLIAM DEREK WYLIE (anæsthetist at St. Thomas's Hospital, London) left on January 10 for a British-Council-sponsored tour of the Middle East. British anæsthesia is held in high esteem throughout the world and Dr. Wylie will speak about recent achievements in that field. He will answer questions about new drugs and apparatus and give demonstrations; visiting Beirut, Amman, Jerusalem, Baghdad and Teheran in order to carry out his programme.

DEATHS

BLACK. — Recently, Mr. Kenneth Alexander Black, M.P.S., 15 Sunbury Avenue, Jesmond, Newcastle-on-Tyne, 2. Mr. Black qualified in 1926.

BRICKELL.—On December 20, 1958, Mr. Ethelbert Richard Brickell, M.P.S., 76 Harnham Road, Salisbury, Wilts, aged eighty-six.

CURTIS. — Recently, Mr. Richard Charles Curtis, R.D., Bishopstown Avenue, Cork. Mr. Curtis was the second oldest amongst the Irish Registered Druggists, qualifying so far back as July 1894.

DILWORTH.—Suddenly, at his sister's home, 78 Green Leach Lane, St. Helens, Lancs, on January 1, Mr. Vincent Joseph Dilworth, M.P.S. Mr. Dilworth, who lived at Llys-y-Gwynt, Llanddona, Beaumaris, Anglesey, was on a New Year visit. Mr. Dilworth qualified in 1916 and prior to his retirement about ten years ago was in business in St. Helens.

EVANS.—At his home at Westcliff-on-Sea, on January 7, Mr. Alfred Augustus Evans, late chairman, Evans Gray & Hood, Ltd., 110 Cannon Street, London, E.C.4, aged seventy-two. Mr. Evans was son of one of the founders of the company. When he retired about two and a half years ago he had been associated with the company for thirty-six years.

FARMER. — Recently, Mr. Charles Frederick Farmer, M.P.S., Belle Vue Terrace, Halton Road, Spilsby, Lincs, aged seventy-five. In the 1914–18 war Mr. Farmer was one of the officers in charge of the military hospital at Spilsby.

FORDE. — Recently, Miss Sheila Forde, M.P.S.I., Castlerea, co. Roscommon. Miss Forde, who qualified in 1917, was the proprietor of a pharmacy in that town and took an active part in supporting and promoting the first Irish Pharmaceutical Pilgrimages to Lourdes.

GOULD.—On December 26, 1958, Mr. S. Gould, 71 Enfield Road, Enfield, Middlesex, aged fifty-one. Mr. Gould was assistant general manager of Camden Chemical Co., joining the company in 1946 after leaving the Army with the rank of major. He was at first export manager and duly became assistant general manager, a post he held for eight years. A colleague writes: "He will be missed by all who have worked with him for his wide experience, his wise counsel as well as for his sense of humour."

HINCHLIFFE.—On December 12, 1958, Mr. Harry Hinchliffe, M.P.S., c/o 3 Whitehall Street, Rochdale, Lancs. Mr. Hinchliffe qualified in 1929.

HUNTER.—On December 23, 1958, Mr. Joseph Hunter, M.P.S., 1462 Paisley Road West, Cardonald, Glasgow, S.W.2, aged sixty-nine.

PEARCE.—On January 3, Mr. Stanley Littlejohn Pearce, M.P.S., Nazdar Hall, The Avenue, Bournemouth, Hants. Mr. Pearce qualified in 1904.

PENNINGTON. — Recently, Mr. James Pennington, M.P.S., 14 Glenmore Crescent, Little Bispham, Blackpool, Lancs. Mr. Pennington qualified in 1923.

RUSSELL.—On December 16, 1958, Mr. Ronald Cannon Russell, M.P.S., Bowleaze, 6 Prospect, Corsham, Wilts. Mr. Russell qualified in 1923.

STABLEFORD.—On December 21, 1958, Mr. Ronald Cecil Stableford, M.P.S., 32 Seagry Road, Wanstead, London, E.11, aged sixty-two.

STACK.—Mr. Thomas Stack, M.P.S.I., who died on January 1 (*C. & D.*, January 10, p. 31), opened his pharmacy at Westport, co. Mayo, Eire, just half a century ago. Mr. Stack was one of the founders of the West of Ireland Chemists' Association of which he was chairman at one period. He was also a founder of the Westport Gaelic Athletic Club and Coursing Club, and the Westport Bridge Club. One son, Mr. John S. Stack is a pharmacist and carries on his own pharmacy in Westport.

PERSONALITIES

MR. C. J. M. SAYER, M.P.S., retired on Christmas Eve as manager of Boots Chemists, Ltd., High Street, Grantham, Lincs.

MR. J. LOVELL GOULDER (chairman, United Chemists Association, Ltd.) has been appointed a Gloucestershire magistrate. He is among seventeen new magistrates for the county.

MR. WILLIAM KING, M.P.S., retired recently after thirty-seven years' service with Boots, Ltd. For the past twenty-two years he has been manager of the company's branch at Spennymoor, co. Durham.

MR. S. L. WEDGWOOD, M.P.S., Stoke-on-Trent, Staffs, has formed a local group of the National Traction Engine Club. Mr. Wedgwood owns a forty-year-old steam lorry, the "Shrewsbury Belle" (see *C. & D.*, January 26, 1957, p. 85).

IN announcing the sale of their entire shareholding in Carnegies of Welwyn, Ltd. (see p. 61) Mr. Donald Carnegie and family thank those who have supported them since Mr. Robert Carnegie started the business in 1911. Until further notice any friends wishing to communicate with Mr. Carnegie should do so at Mornington, Digswell, Hertfordshire.

MISS L. E. SARGENT who becomes sales representative for Betts & Co., Ltd. (see p. 61), joined the company on January 1. Previously she was buyer for Coty (England), Ltd., for thirteen years and from 1946 to 1954 was buyer for Elizabeth Arden, Ltd. The appointment of a woman to such a post as Miss Sargent has now taken up is understood to be a new departure in the packaging trade.

MR. N. C. JEFFERY, M.P.S., who has been elected *President* of the Proprietary Articles Trade Association (see p. 60) has represented The British Drug Houses, Ltd., on the manufacturers' section of the Council since 1947. He served his apprenticeship at the old-established pharmacy of Philadelphus Jeyes, Ltd., Northampton, and received his academic training at the University of Nottingham. He qualified as a pharmacist in 1935 and after three years in retail practice joined The British Drug Houses, Ltd., as assistant to Mr. Bohn, his predecessor on the council. On Mr. Bohn's retirement in 1947, Mr. Jeffery was appointed merchandising manager to B.D.H. Three years ago, while serving on the executive committee of the P.A.T.A. Council, he was elected a vice-president and chairman of the manufacturers' section. He is also a member of the council of the Association of British Pharmaceutical Industry and chairman of group A1. Active in the affairs of the Thames Valley Pharmacists' Association, Mr. Jeffery was its president for the years 1955–57, following in the chair (as in the case of the P.A.T.A.) the outgoing president, Mr. Harold Moss.

BRANCH EVENTS

LEEDS

The Society's Journal

THE appetite for newspapers in Britain was insatiable, said Mr. E. N. Pullom (Editor of the *Pharmaceutical Journal*) when addressing a meeting of the Leeds Branch of the Pharmaceutical Society on January 8. Various groups in the population had specialised interests, and there were more than 370 trade and technical papers in Britain. Mr. Pullom said that the *P.J.* differed from the great majority of specialised publications in that its ownership was vested in a professional body, and as an official organ it must endeavour to mirror the policy of the Society as laid down by Council. Nevertheless the Editor of such a paper must have a real sense of professional freedom to comment on affairs. On the question of cost to members, he said it was surprising how many thought that the price that appeared on the cover was the amount allocated to revenues: the figure of 63s. on the *P.J.* cover was the annual subscription paid by non-members of the Society.

ROMFORD

Journalistic Problems

ON December 15, 1958, Romford and District Branch of the Pharmaceutical Society heard an address by Mr. O. H. Waller (Editor, THE CHEMIST AND DRUGGIST) on problems of pharmaceutical journalism. The first problem which he had to contend with, he said, was that of staff. He preferred to take pharmacists young, but the normal young pharmacist naturally preferred pharmacy to journalism. Copy was rarely suitable for use as received. It usually needed pruning, for reasons which he enumerated. Pictures presented problems of what to use and in what size and format. The *C. & D.* library of books was an important part of the work, the aim being to provide practical yet authoritative reference works. Mr. Waller gave a demonstration of making-up a page of the *C. & D.* from galley proofs, to the great entertainment of the meeting. He also showed a facsimile of the first edition of the paper and copies of several early issues. He concluded by recounting the difficulties experienced during printers' strikes and during the 1939–45 War.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

APPROVED NAMES FOR VETERINARY DRUGS

An invitation to amateur film groups

THE appointment by the British Veterinary Codex Committee of a nomenclature subcommittee that would have the duties of considering applications for the approval of non-proprietary names for appropriate drugs and of making appropriate arrangements with the Registrar of Trade Marks for safeguarding the names chosen was referred to by Mr. Maplethorpe when he presented the report of the British Veterinary Codex Committee, 1956–58, at a meeting of the Council of the Pharmaceutical Society on January 6 and 7.

The report of the Establishment and Organisation Committee recorded the gift by Mr. Maplethorpe to the Society of a silver vase, the replica of an ancient alabaster vase of Italian origin now in Warwick Castle and universally known as the "Warwick" vase. The Council's appreciation of the gift was put on record. A report on the Branch Secretaries' meeting held at the Society's headquarters on October 1, 1958, was received by the Committee.

The Education Committee received a letter from the registrar-treasurer of the Ontario College of Pharmacy drawing attention to new Regulations (approved by the Ontario Provincial Cabinet and effective from December 31, 1958) governing the registration of persons qualified to practise in a jurisdiction other than Ontario. In consequence of the new regulations, the agreement with the Society for reciprocal recognition of qualifications could no longer have effect. Mr. Maplethorpe (chairman of the Committee) said that there was no true reciprocity between Ontario and other Canadian Provinces in that matter, and the position of Great Britain was being brought into line. Further information was awaited on the conditions with which pharmacists who qualified outside Ontario would have to comply in order to register in that Province.

The Council considered a request for an educational grant of £200 to Mr. J. J. Lewis (department of materia medica and therapeutics, University of Glasgow) to enable him to arrange to collect, preserve and transport certain plants indigenous to New Zealand, so that their active principles might be examined in Glasgow. On the recommendation of the Education Committee it was agreed to make such a grant to Mr. Lewis, and to ask him to supply an authentic specimen of each plant for the Society's collection.

It was agreed that the following should be added to the list of invigilators for 1959:—*Leeds*, Mr. L. W. Pycroft and Mrs. K. B. Buckley; *Leicester*, Messrs. E. J. Fitchett and E. D. Wain.

The Council learned of the resignation of Mr. L. H. Teare as the Society's representative on the Applied Science Advisory Committee of the City of Birmingham College of Technology, and resolved to thank him for his services in that capacity. Mr. D. J. Crawford was invited to represent the Society until June 30, 1960, the date of termination of Mr. Teare's term of office. Mr. E. A. Brocklehurst, the Society's representative on the Court of the University of Hull, whose term of office was due to end soon, was reappointed for a further period of three years.

Statutory Fees

The report upon a special meeting of the Finance Committee to approve the estimates for 1959 noted that the Privy Council had approved the alteration to the Society's by-laws providing for increase of members' retention fee from £3 13s. 6d. to £5 5s. as from January 1.

The Finance Committee received a report on the result of inquiries in connection with the loss incurred by a member from flood damage in September 1958. On the Committee's recommendation it was agreed to make a grant to the member from the Emergency Fund.

List of Films

It was reported to the Films Committee that Mr. S. F. Woodward had prepared a list of films having a special interest for pharmaceutical audiences, and that the list had been circulated to Branch secretaries to assist them in organising film programmes. It was suggested that in future lists Branch secretaries should be reminded also of the availability of a catalogue of medical films produced by the Scientific Film Association.

Slough Home Safety Committee was reported interested in producing a short amateur film on the storage of poisons and medicines in the home, and to have asked the Society for advice and information in that connection. A recommendation to send a reply offering the Films Committee's advice and assistance was approved.

MR. ALLEN ALDINGTON (chairman, Films Committee) drew attention to the probability that pharmaceutical subjects might interest amateur film groups, now popular in many parts of the country. It was suggested that a general invitation might be issued that any pharmacist interested in amateur film-making should correspond with the Committee. Mr. Aldington said in discussion that the Committee was looking for individuals or groups that would undertake to produce a film for pharmacy on an amateur basis. An example of the kind of subject that might be suitable in that connection was Birdsgrove House, the Society's convalescent home. It was suggested that pharmaceutical manufacturing companies that had sponsored medical films might be reminded both of the need for pharmaceutical films and of the considerable and important audiences for such films if suitable. The possibility, for example, of a film illustrating the large-scale production of tablets, for both human and for veterinary use, was discussed.

The Public Services Committee received with regret a letter of resignation from Mr. P. J. Fowler, who had accepted an appointment outside hospital pharmacy. The Council recorded their appreciation of the services of Mr. Fowler, who had been co-opted to the Committee in July 1957.

Acceptance of Advertisements

The Committee gave further consideration to a suggestion from the Guild of Public Pharmacists that, whenever an advertisement for a pharmacist was not accepted for publication in the Society's journal because of some unsatisfactory condition of service, a notice should appear in the advertisement pages asking members to correspond with the secretary and registrar before accepting employment with the advertiser in question. The Committee reported that it had always been the policy to refuse advertisements for pharmacists submitted for publication in the journal if the salary and conditions of service offered did not conform to an accepted standard; the policy had been applied in particular to advertisements for pharmaceutical vacancies in the public service and overseas. In a recent letter the Guild of Public Pharmacists stated that the membership generally were unaware of that policy and that it should be brought to the attention of the membership. The Committee recommended, and the Council agreed, after discussion, that the following notice should be published each week in an appropriate place in the advertisement columns of the journal:—

Positions in Public Service and Overseas

As far as possible an investigation is made of the conditions of employment offered in an advertisement under these categories which has been accepted for publication. Occasionally an advertisement is not accepted but may appear elsewhere than in the *Pharmaceutical Journal*. If in doubt as to the terms of service an applicant should get in touch with the Secretary and Registrar of the Society.

Sterilising Practice in Hospitals

The Public Services Committee noted the recent publication of a report by the Nuffield Provincial Hospitals Trust under the title "Present Sterilising Practice in Six Hospitals." The report summarised findings of the Trust's Operational Research Team, and showed that there were major defects in the sterilising procedures followed in all the hospitals investigated. It was the Committee's opinion that it should be made clear that the report was concerned with the methods of sterilising equipment, dressings, clothing and contaminated material, and did not refer either to the pharmacist or to the work of the pharmaceutical department. It was noted, however, that the report appeared to recommend the establishment in hospitals of a central department to supply all sterile equipment, and by implication that might cover many pharmaceutical operations. With that in mind it was agreed to obtain the views of the Guild of Public Pharmacists, both on the report and on its implications, and to explain to the Trust the position of the pharmacist in the hospital pharmaceutical service.

It was reported to the Committee that a letter had been received from the Ministry of Health expressing the hope that the Society would not hesitate to bring to the notice of the Standing Pharmaceutical Advisory Committee any question relating to pharmacy and pharmacists in the National Health Service which it was thought appropriate for that Committee to consider. The letter stated that matters relating to the remuneration and conditions of pharmacists in the National Health Service were decided through Whitley Council procedure, and that it was not the practice of advisory committees to comment on such questions. It was agreed to send a reply to the Ministry welcoming the suggestion made, but stating that the Council could not accept the contention that matters relating to the remuneration and conditions of pharmacists in the National Health Service should not be considered by the Standing Pharmaceutical Advisory Committee.

Benevolent Fund and War Aid Committee

The Benevolent Committee reported that grants amounting to £304 had been made to six widows and four members. Recommendations for grants of £64 to one widow and totalling £228 from the Orphan Fund in two other cases were approved, together with one grant from the War Aid Fund of £50. Four applications for assistance were deferred. The quarterly report showed that, in the last quarter of 1958, fifty-five grants amounting to £2,979 had been made from the Benevolent Fund, against fifty-seven grants (£3,144) in the last quarter of 1957; and that five grants amounting to £503 had been made from the War Aid Fund, against four grants (£304) a year previously.

It was reported that the Christmas gift of £2 2s. each authorised by the Council had been made to forty-six children under sixteen years of age whose parents were receiving assistance from the Benevolent Fund, and to one child of a War Aid Fund beneficiary.

The following legacies were reported: Mr. John Harold Smith: £213 to the Benevolent Fund, £100 to the Birdsgrove House Fund, and £50 to the Orphan Fund; Mr. James Tasker Lowe: £200 to the Benevolent Fund.

The warden of Birdsgrove House reported that, in the month to December 16, 1958, twelve guests stayed at the convalescent home for an aggregate of fourteen weeks, against eleven guests and ten weeks in the corresponding period of 1957. Two contributions amounting to £8 13s. had been received from guests to supplement weekly payments. Two gifts in kind were also acknowledged.

In presenting the list of special contributions, MR. T. HESELTINE (chairman of the Committee) said he wished to break his rule on the present occasion and call attention to the large amount raised by the Liverpool Branch at its annual dance. It must be obvious to everyone at the Council table that an undertaking that produced £210 by one event entailed a good deal of hard work on the part of those in Liverpool who were in the background. It was a magnificent effort, and he would like them to know that their efforts were appreciated by every member of the Council. Similar tributes were due to Huddersfield, Croydon, and Aberdare and Merthyr branches which were smaller, for their good results.

It was reported that in December six persons had been registered as "student," making a total of 489 in 1958, against 853 in 1957. Eight former members of the Society, having paid the necessary fees and penalties, had been restored to the register. The Council approved a recommendation for the restoration of one pharmacist whose name had been removed more than ten years ago. The Council also approved recommendations for the reciprocal registration of two applicants under Section XIX (14) of the By-laws, on submission of the necessary documents, and of ten applicants under Section XIX (16); and for the registration of one person under Section XIX (18).

The Law Committee's report stated that, in November 1958, the Society's inspectors and agents had visited 1,494 authorised sellers, thirty-seven listed sellers, and 366 drug-store proprietors and similar traders. Eleven cases of alleged infringements of the Pharmacy and Poisons Act, 1933, and Therapeutic Substances Act, 1956, were considered, and appropriate action taken.

An application to register as a trade mark a device resembling the Bowl of Hygeia, was reported withdrawn: the application had been the subject of adverse representations by the Society.

The Council approved the replies to be sent to a questionnaire received from the Inter-departmental Committee on Drug Addiction.

NEW BOOKS

Britain, The Commonwealth and European Free Trade

ECONOMIST INTELLIGENCE UNIT, LTD., *Britain in Europe, Ltd.*, 61 Catherine Place, Palace Street, London, S.W.1. 9¾ x 7¼ in. Pp. 38. 5s.

THE booklet is a preliminary analysis of the complex economic relationships between the Commonwealth and Europe in the context of the projected European Free Trade Area. Free trade, the authors believe, is unlikely to conflict with the special trading arrangements in the Commonwealth (except in certain foodstuffs). Over the 45 per cent. of the U.K. imports from the Commonwealth which enter duty free there is no conflict of principle and little competition from European goods, save in the case of manufactures. The Commonwealth wants from Europe more stable markets and more investment capital.

Gas Chromatography, 1958

D. H. DESTY (editor). *Butterworth Scientific Publications*, 4 Bell Yard, London, W.C.2. 9¾ × 6 in. Pp. xiii + 383. 70s.

THIS volume contains the proceedings of a symposium upon gas chromatography held at the Royal Tropical Institute, Amsterdam, Holland, in May 1958. The 28 papers read at the meeting are arranged in groups dealing in turn with theory, technique and apparatus, and applications. Advances in the field may be measured by Golay's paper in which he describes how he was able to separate ortho-, meta- and para-xylene, and the possibilities which McWilliam opened up with his novel flame-ionisation detector. Nearer home Atkinson and Tuey, working in the laboratories of May & Baker, Ltd., developed apparatus with automatic features, and those are described, as is other work illustrative of the wide applications of the technique and its expansion into analytical work.

P.F.I.: A CORRECTION: Holders of copies of "Pharmaceutical Formulas, Volume I, twelfth edition, are asked to enter a correction to a formula on p. 159. In the sentence "An extemporaneous Daffy may be made," etc., the quantities of spt. anisi and ext. glycyrrh. liq. should be aa 5i and not as given.

'Womans Own' colour page
JANUARY 17th

Spearheads New Delrosa Advertising



This baby is well provided for

This lucky baby is well provided for. Soon after she arrived in the world, she started on Daily Delrosa. This wonderful syrup is made from rose-hips, the richest source of Natural Vitamin C. It gives her sparkling vitality, a clear skin, healthy gums, strong teeth and bones and vigorous resistance to infection.

You, too, can provide health for your children
See that your children have Delrosa Rose Hip Syrup every day. It tastes delicious and won't upset the tiniest tummy.

How's this for richness?
Rose-hips are the richest source of Natural Vitamin C. Delrosa contains nearly THREE times as much Vitamin C as BLACKCURRANT SYRUP and THIRTY times as much as FRESH ORANGE JUICE. Every fluid ounce of Delrosa provides 17 mgms. of Vitamin C.

Daily **DELROSA ROSE HIP SYRUP**

Made from rose-hips, the richest source of Natural Vitamin C. from all chemists ***Just grand when you're growing!***

On January 17th a full colour page will be seen by well over 9,500,000 readers of 'Womans Own' and will launch new and heavy DELROSA advertising.

Using the Women's Magazines, National Dailies, National Sundays and selected Scottish and Northern Ireland papers, DELROSA will be powerfully promoted by a strong, well-planned advertising campaign.

Add impact to this new impetus to DELROSA sales by using the attractively designed display material available and ensure your stock will meet the new sales this advertising will create.

DELROSA ROSE HIP SYRUP

SCOTT & TURNER LTD. · GALLOWGATE · NEWCASTLE UPON TYNE, 1.

G



Millions of viewers all over Britain will have repeated opportunities to see this forceful 30-second commercial for Savlon Barrier Cream, as well as a special 60-second spot in a gardening advertising magazine. Thousands will want to try Savlon Barrier Cream for themselves—and that means a big surge in sales!



Ph.893

LY

avlon 2-purpose BARRIER CREAM

TV ALL OVER BRITAIN!

VIEWERS up and down Britain will be seeing—again and again—the usefulness of Savlon 2-purpose Barrier Cream demonstrated on ITV in bright, forceful commercials. There will be twelve 30-second spots on *all* transmitters —London, Midland, North, Scotland, Wales, Southern and North Eastern. Also, a special 60-second spot has been booked in a gardening advertising magazine (Savlon Barrier Cream is particularly valuable to gardeners). All this, in addition to the continuing press campaign in the glossy magazines for women.

One barrier cream for all jobs. This is a barrier cream that protects the hands for both wet *and* dry jobs. It forms an invisible skin on the hands, sealing out water, grime, grease and harsh detergents. Prevents the hands from becoming red and sore. Savlon 2-purpose Barrier Cream, once tried, is likely to become a regular purchase. It retails at 3/- for a big tube.

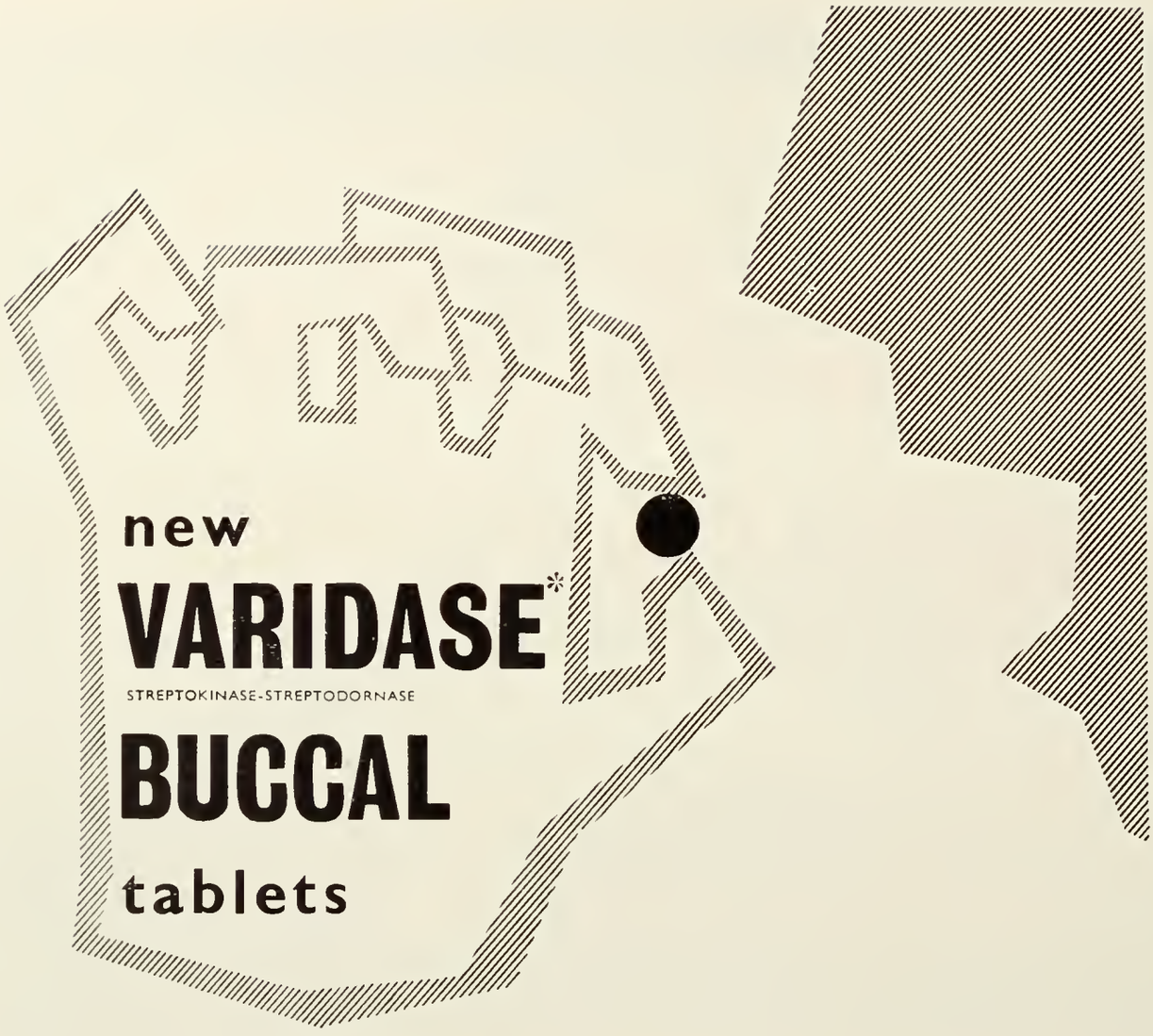
Display Savlon Barrier Cream prominently and cash in on the selling power of TV



Savlon 2-purpose Barrier Cream

ICI

IMPERIAL CHEMICAL INDUSTRIES LIMITED PHARMACEUTICALS DIVISION WILMSLOW CHESHIRE



for control of inflammation

This new Lederle product provides a new approach in the management of trauma and inflammation. It presents streptokinase in a form that is directly absorbed by the buccal route. VARIDASE Buccal Tablets control inflammatory reaction, reduce swelling and relieve associated pain — without mucosal irritation or allergic manifestation. The Buccal Tablets also allow better access of antibiotics to an inflamed area.

Varidase Buccal Tablets can also be used with antibiotics, in infective conditions such as cellulitis, abscesses, thrombophlebitis, sinusitis, chronic bronchitis, leg ulcers, chronic bronchiectasis. Each tablet contains streptokinase 10,000 units and streptodornase 2,500 units.

Dosage: One tablet four times a day for a minimum of 3 days. The tablets to be placed in the buccal sulcus and allowed to dissolve.

*REGD. TRADEMARK

Packing and basic N.H.S. cost 12 Tablets £1-1-8.

Lederle

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CYANAMID OF GREAT BRITAIN LTD. London W.C.2

CYANAMID

The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at
28 Essex Street, Strand, London, W.C.2

TELEPHONE CENTRAL 6565

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

Shop Tenants Who May Suffer

THOSE chemists and other traders who rent on short-term tenancies shops that sooner or later may be demolished under slum clearance schemes will have been shaken by the story of Mrs. Florence Kirby, reported in the *Daily Telegraph* on January 12. That seventy-two-year-old lady, who lived and did business at a shop in Barking, Essex, on a weekly tenancy, was ordered out by the local urban council after the property was compulsorily acquired for demolition. She was offered no compensation for the loss of her business (though compensation was, of course, paid to the owners of the property).

The position is that, since the Slum Clearance (Compensation) Act, 1956, was passed, anyone entitled to receive the profits of a business carried on in an unfit house that is bought by the local authority at site value, or is vacated as a result of a clearance or demolition order, is entitled to a payment. The amount due is the full compulsory purchase value of his interest, less the value of his interest in the cleared site. But there are two important conditions. One is that the house must, at the date of the making of an order, have been occupied wholly or partly for business purposes by a person with a freehold interest or leasehold interest of more than a year. The other is that the house must have been so occupied on December 13, 1955, or (if the business use commenced after that date) for ten years immediately preceding the date of the making of the order.

From a strictly legal point of view, therefore, traders with a weekly or similar tenancy arrangement have no claim to compensation, even if they have been established for twenty or more years. But the position can also be looked at from the common-sense point of view, as the Minister of Housing and Local Government, when advising the authorities on the new Act, was quick to point out. In a letter dated August 13, 1956, the Minister invited the authorities to have regard to the position of people carrying on businesses in unfit houses and under tenancies of a year or less who in consequence were outside the scope of the Act.

The Minister said: "The loss which such a tenant may suffer on disturbance may be great, even though his legal interest is small, and the effect of the disturbance in this kind of case may not in practice be very much different from the loss suffered in cases where payment falls to be made." He went on to point out that local authorities already have power to make a payment at their discretion towards the loss suffered in those circumstances. A quick survey has shown that most authorities are taking a sympathetic attitude when a trading tenant is obviously going to suffer loss.

Many councils offer new shops on housing estates, though officials report that only a small percentage of them are taken up, often because those concerned cannot face the uphill task of establishing a new business. In other cases the new rent is too high.

For the small trader the situation is unsatisfactory, and many council chief officials and members recognise it to be so. They appreciate that a man or woman ousted out of a living by a stroke of the official pen should be entitled to some payment towards removal expenses and the inevitable out-of-the-daily-run costs of finding other employment or establishing a new business. The basis of such a payment, they maintain, should be fixed by law, and not left to the whims of groups of councillors with widely differing views on how compensation should be assessed. A spokesman of the Ministry of Housing and Local Government could offer no comment when approached. "It is a matter for the housing authorities," he said. It could also be a matter for the Minister—and for Parliament.

Purchase Tax and the Budget

A FEW weeks from now the Chancellor of the Exchequer will be introducing another Budget. In the meantime chemists will be wondering, as in past years, whether another cut will be made in purchase tax. Of course no one outside the Cabinet will know until his proposals are made known in the House of Commons, but from veiled inferences that have been made during the past few months a change seems likely.

To retailer pharmacists reductions, though welcome in bringing more custom, have caused hardship in the past through the intransigent attitude of the Customs and Excise authorities towards permitting rebates on unsold stocks. There has, therefore, arisen a period of trade stagnation between January and April each year. To counteract that the photographic trade, with an eye on the Easter demand, has come to an agreement with the Customs and Excise whereby specific goods ordered during those months may be delivered on a sale-or-return basis. Considerable book-keeping is involved, stock returns having to be made each month, and the final one on the day prior to the Budget day. The items on the S.O.R. list are therefore somewhat limited (they include cameras and enlargers). The scheme now rests with both the registered and unregistered traders to collaborate in operating. Could the cosmetic and perfumery trade and the pharmaceutical manufacturers not have made similar arrangements with the authorities? That may be a little difficult because the schemes that have been agreed are for items of relatively high value. For instance, the National Hardware Alliance, which has a similar arrangement to that of the photographic suppliers, mentions that its own scheme is not intended to cover items having a net value per article of less than £1, exclusive of purchase tax. A similar scheme might be operated for high-priced perfumery and cosmetics but it has to be borne in mind that the losses by pharmacists in the past have arisen principally from unsold stocks of items with a face value under £1. The adverse effect of purchase-tax changes on retailers seems to cause the Treasury no disquiet.



"OPEN SHOP"

AN UNSCRIPTED COMMENTARY ON THE SPECIAL PROBLEMS OF THE PHARMACIST IN RETAIL PRACTICE

E. C. TENNER

BECAUSE it is so difficult correctly to decipher the patient's name almost any doctor scribbles at the top of an EC10 form, because nothing so shakes a patient's confidence as to have a wrong name applied to her medicine, and because there is often real danger of Mrs. A. Brown's getting Mrs. B. Brown's physic, I make a habit of checking the name and spelling when each EC10 is handed in for dispensing. It was rather a shock when the well-dressed young teenager who was asked about her name on her own prescription vigorously replied "*I* can't tell you the name—I can't read!"

Much might be said about the instructions we are directed to apply to medicines of all degrees of potency. Too often I see three or four different sorts of tablets dispensed for a single patient, with no instructions at all. Presumably the patient will recognise them apart, and know what to do safely with them. So many times a day it is a toss-up whether the doctor has meant to write "b.d.s." or "t.d.s." he seems oblivious of any difference between "sumendum" and "utendum" and what looks remotely like "m.d.u." can mean almost anything. However much care we take to ensure correctly inscribed labels, the illiterate patient is still beyond their influence. I believe there are more of such people about than we imagine—I wonder if doctors themselves know which of their patients can read?

No Excuse for Failing to Help

Speaking in November 1958, the deputy secretary of the National Pharmaceutical Union is reported to have said that, in the present dispensing costs inquiry, in which selected chemists had been asked to co-operate, returns had come in well from the multiple shops, but that the response from private pharmacies was only 32 per cent. so far. No excuse whatever is to be made for the 68 per cent. of private pharmacies that have still not responded. A sufficient monetary allowance is made to cover accountants' charges for assistance in filling up the questionnaire, and that disposes completely of the argument that the document is too formidable. The returns are required before the pharmacists' case for increased payment can be put before the Ministry. It is most galling that January should have seen increased Health Service payments going to doctors and dentists but that the chemists' negotiators are still hamstrung by the non-co-operation of 68 per cent. of those private pharmacies selected. Who are these little men who hinder all of us by their stupid oyster-like behaviour? A warning that in one month's time their names and addresses will be published in the pharmaceutical Press might shame them into instructing their accountants to do the job. The number of prescriptions dispensed nationally is falling. That means we are receiving fewer dispensing fees. Wages and other expenses continue to rise. If any favourable adjustment is finally achieved in our remuneration, it seems it must be at least a year out of date. That is why the oysters must open up at once. The current topic—whether doctors' private patients should receive drugs under the National Health Service—is one that bears very much upon chemist contractors' cost of dispensing. It would mean the complete disappearance of private prescriptions with all that they entail, and a corresponding increase in N.H.S. dispensing. That could not operate to favour the simple selfish advantage of retail pharmacists who conduct a private dispensing practice. Trying to look at the problem from the public's point of view, I asked an experienced medical practitioner who was pressing the case for free medicine for private patients: in what respect do you give a better service to your private patients than to your N.H.S. list? He said, after thought: "The only advantage to the private patient is that I will visit him when he asks in his home, and that he need not attend in my surgery." I said, "Do you not give home visits to patients who are on your N.H.S. list?" He answered, "Yes, of course, but only when it is necessary." If all that is true, what would be the result of free medicine for private patients? Those patients who felt rich enough or splendid enough to pay a consultation fee to the doctor, but not rich enough to buy the increasingly expensive necessary modern drugs, would be monopolising the doctor's time in domiciliary visiting at the expense of the time he could devote to those not-so-wealthy ones who remained on his N.H.S. list. That would lead to a breakdown in medical benefit and wreck the National Health Service as we know it.

It is a fallacy to argue that people pay their taxes and their health contributions and therefore they should be entitled to free medicine. Medical benefit in the Service consists of free medical consultation together with free medicine. People who prefer to may contract out of the whole medical benefit, but the scheme will fall to pieces if they are allowed to contract out of free consultation only and still enjoy free medicine. If it is shown that it is in the public interest that there should be more domiciliary consultations, then the answer surely is that more doctors are required. The necessary consultations should be available to all, and not just to those who can afford them. Meanwhile, it is in the public's best interest to continue the scheme as it works at present and not to wreck it.

A Pharmaceutical Publicity Association

The current issue of the *N.P.U. Supplement* asks me to be thinking what I "can afford to contribute towards the cost of a well-conceived professionally directed, regular campaign of prestige and selling advertising for pharmacy." The *Supplement* states "With the enforced disappearance of the Chemists Federation from the pharmaceutical scene, there is a void waiting to be filled. A Pharmaceutical Publicity Association, well armed with the essential financial backing of all those concerned for the economic well-being of retail pharmacy, could do the job which 'sticks out a mile' as one that ought to be done and could be done NOW, i.e., the job of 'selling' pharmacy to the British public." For the past day or two I have been collecting my thoughts on that subject. I believe that now we need a modern "public-relations" campaign to educate the public in the matter of our sincere belief that it is in the interest of public health and happiness that medicines for human consumption should be distributed only through registered pharmacies. For that purpose I would afford the share I, as a member of the Pharmaceutical Society, ought to be asked to pay. Remembering that we cannot ethically advertise our professional services, I am aware of great difficul-

ties that will be encountered unless the campaign be one of principle only and conducted under the control of the Pharmaceutical Society itself. I am one who is not pleased to see commercial firms making gifts to organised pharmacy. I am very happy when such gifts come from individual members of the Society. So I am rather concerned as to who is meant by *all those concerned for the economic well-being of retail pharmacy* and the reference to *"selling" pharmacy to the British public.*

Let us not be slick or clever, let us show our sincerity. The profession's prestige is the sum of the personal prestige of each of us. I would strongly support, financially, the institution of a modern public-relations department of the Pharmaceutical Society that would have as its main objective the education of the public about our most important professional ideals. All praise to the N.P.U. if it would initiate the idea and collect funds for the purpose. That might spur the Society thus to do its duty.

Onward from Galen

A CURRENT CAUSERIE

THE bicentenary of the opening of Montague House, first home of the British Museum, is being celebrated this week. The formal opening took place on January 15, 1759, though the creation of the Museum strictly dates back to 1753, when Parliament granted funds to purchase Sir Hans Sloane's collections and the Harleian manuscripts. The monies so allocated were intended also to cover the cost of housing and maintenance. The original museum buildings in Bloomsbury date from 1823, though they have been added to until the present day. The collections have been expanded by gifts and purchases as well as by the operation of the Copyright Acts. In the years 1881–85 the Natural History collections were moved to the buildings in Cromwell Road, South Kensington, which were built for the purpose and date from 1881. That dichotomy became a trichotomy when, through the generosity of the second Lord Rothschild, the Zoological Museum at Tring passed into the nation's safe-keeping in 1938. Though exhibits and treasures were hidden for safety during the 1939–45 war, damage was extensive in the South Kensington Museum, where there the galleries suffered considerably. Administrative expenses of the Museum today amount to almost £1 million per year.

★

JOSEPH Du Chesne, better known by his latinised name Quercetanus, died 350 years ago (in 1609). Du Chesne is remembered chiefly as one of the first physicians to use calomel. He was born at Armagnac, province of Gascony, in 1544, studied chemistry in Germany, and in 1573 graduated M.D. at the University of Basle, Switzerland. In 1593 he was appointed physician to King Henri IV of France and rapidly acquired a large and lucrative practice in Paris. An ardent disciple of Paracelsus, he advocated the remedial use of chemicals, especially antimony and mercury, though he did not neglect the galenicals. He figured in Turquet de Mayerne's "Medicinal Counsels" (London, 1677), which contains this prescription for the Falling Sickness of a Noble Virgin: "R. Acquilae albae Quercetani, that is the white eagle of Quercetanus; which is *Mercurius Dulcis,* six or seven times sublimed, gr. XV. Rosin of Scamony, gr. V. Wrap it up with a little pulp of a roasted Apple artificially, and so take it...." Quercetanus was a voluminous writer, whose complete works were published after his death under the title *Quercetanus redivivus* (Frankfurt, 1648).

★

THE Fragrance Bureau, which is an organisation operating on behalf of three dozen manufacturers of perfumery, is embarking on a new venture to promote interest and *expertise* among perfumery salesmen. The Bureau plans to publish a magazine *The New Fragrance Fashion,* exclusively for staffs selling perfumery behind counters. The magazine, the first issue of which is planned for mid-March, will appear once every two months and will be sold on subscription (21s. per annum for six issues, post free). Part of the contents will be instalments in a "perfume diploma course" for sales staff. The course will extend through six issues and at the end of the series a test paper will be set, those gaining the required standard of marks being awarded a Fragrance Bureau diploma and badge as proof of their ability to sell perfumery products with knowledge and authority. Any chemist who would like further information about the new publication should write in to the principal of the Bureau at 44 Albemarle Street, London, W.1.

★

A RECENT prosecution of pharmaceutical chemists at Bournemouth (see *C. & D.*, November 15, p. 521 and November 22, p. 550) for dispensing Dangerous Drugs without taking reasonably sufficient steps to verify the authenticity of the prescriptions was described in some quarters (not in the *C. & D.*), as the first of its kind. A correspondent points out that it was not. At Edinburgh sheriff court, on November 23, 1931, fines for having dispensed prescriptions containing Dangerous Drugs without verifying the prescriber's signature were imposed on Davina Sharp, Lawnmarket; David Barrie, South College Street; and Jane L. Simpson, Dalry Road. The fines were £5, £5 and £2 respectively. The case was only briefly recorded in our own columns (*C. & D.*, November 28, 1931, p. 636). The circumstances of the case were not there given in detail, and it is not recorded whether learned counsel were engaged in the defence of the three defendants. The case was not, however, altogether unlike the recent Bournemouth proceedings, since it had to do with the supply of Dangerous Drugs to a man undergoing a sentence of imprisonment for unlawfully procuring cocaine. We hope the rather fuller account given of the recent hearings will serve the purpose of enabling members of the Society to avoid the unpleasant experience of being themselves before the courts on such charges.

FIFTY YEARS AGO

ARABIC AND EUROPEAN PHARMACY

From the C. & D., *January 16, 1909*

A STILL more important association of Messina with pharmacy is that it was possibly in that city that the link connecting Arabic and European pharmacy was forged. Frederick II, Emperor of Germany and King of Sicily from 1198 to 1250 (*"stupor mundi et immutator mirabilis"*), perhaps the most enlightened ruler of the Middle Ages, lived often at Messina during the intervals of his foreign wars, and among his reforms he sought to regulate the conditions of medicine and pharmacy. In all matters of learning and science he took counsel with Mohammedan and Jewish scholars, probably men who had studied in the schools of Cordova or Seville. These were, in fact, the only authorities on such subjects available at that time, and Frederick, who had been twice excommunicated by the Pope, had no theological prejudices against them. His edict was issued about the year 1235, and was a remarkable document. Sicilian and Neapolitan doctors were required to obtain a diploma from the medical school of Salerno before they might practise; and the "confectionarii" who compounded their medicines—that is, the pharmacists of the time—were similarly required to hold an attestation of their capacity from the faculty of medicine either of Salerno or Naples. They were limited in number, and their rates of profit were strictly defined. In the preparation of their medicines they must follow the Antidotary of Salerno, and certain of their electuaries and other medicines were to be compounded in the presence of specially authorised inspectors. The inspectors were to be punished by death if they connived at any fraud. No medical practitioner could be a "confectioner." The system thus and then created was soon established throughout Italy, gradually spread to Germany and France, and was feebly reproduced in Great Britain 633 years later.

GUIDE TO NEW MEDICAMENTS

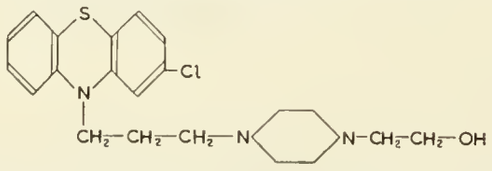
Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable from the Editor. Notes on the products are given on p. 77.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

FENTAZIN

MANUFACTURER: Allen & Hanburys, Ltd., Bethnal Green, London, E.2.

DESCRIPTION: Tablets and ampoules of perphenazine (1-(2-hydroxycthyl)-4-[3-(2-chloro-10-phenothiazinyl) - propyl]-piperazine. A central-nervous-system depressant and anti-emetic.



INDICATIONS: Schizophrenia; psychoses; anxiety and tension states; nausea and vomiting.

DOSAGE: In psychiatric practice 4–8 mgm. orally 3–4 times a day; or 5 mgm. intramuscularly every six hours for 3–4 doses. Out-patients and domiciliary patients 2 mgm., 3–4 times a day; anti-emetic therapy 4 mgm. three times a day.

HOW SUPPLIED: In bottles of fifty and 500 2-mgm., 4-mgm. and 8-mgm. tablets and boxes of five 1-mil ampoules each containing 5 mgm. per mil.

REFERENCES: *Brit. med. J.*, 1958. **1.** 922; *Canad. med. Ass. J.*, 1957. **77.** 952; *J. Amer. geriat. Soc.*, 1957. **5.** 92; *Dis. Nerv. Syst.*, 1957. **18.** 394; *Obstet. & Gynec.*, 1958. **11.** 237.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

M.C.P. 875 (Palfium)

MANUFACTURER: M.C.P. Pure Drugs, Ltd., Station Wharf Works, Alperton, Middlesex.

DESCRIPTION: Tablets each containing 5 mgm. and ampoules each containing 5 mgm. or 10 mgm. of dextromoramide (d-3-methyl-2,2-diphenyl-4-morpholino-butyrylpyrrolidine).

INDICATIONS: For the control of severe pain in inoperable carcinoma; post-operative pain; severe colic; and other forms of intractable pain.

DOSAGE: 5 mgm. by mouth, unless patient is vomiting, when the same dose is given by injection. If it is not fully effective, 5 mgm. is given at half-hourly intervals until pain is relieved. For post-operative pain, 5 mgm. at 6-hourly intervals. Further administration is determined by the initial dose response and the incidence of pain. 20 mgm. is the maximum single dose.

HOW SUPPLIED: In containers of twenty-five and 100 tablets and boxes of ten and 100 ampoules (Snapules).

FIRST ISSUED: November 1958.

SUPPLY RESTRICTIONS: D.D.A.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

CORTUCID

MANUFACTURER: British Schering, Ltd., 229 Kensington High Street, London, W.8.

DESCRIPTION: An anti-inflammatory bacteriostatic eye cream containing sulphacetamide sodium, 10 per cent.; and hydrocortisone acetate, 0·5 per cent., in water-miscible cream base.

INDICATIONS: Eye conditions in which inflammation is an important factor, whether of bacterial, allergic or traumatic origin.

METHOD OF USE: Cream is dropped into the eye every three hours until the condition improves (in about two days). Thereafter the number of applications per day may be reduced, but treatment should be continued for at least two days after the condition has subsided.

HOW SUPPLIED: In tube of 3 gm.

FIRST ISSUED: November 1958.

SUPPLY RESTRICTIONS: P.I, S.1; T.S.A.

NOTES: Contra-indications: Should never be used in patients with ocular tuberculosis, herpes or with deep corneal ulcers.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

DECADRON

MANUFACTURER: Merck Sharp & Dohme, Ltd., Hoddesdon, Herts.

DESCRIPTION: Yellow-scored tablets each containing 0·5 mgm. of 16-alpha-methyl-9alpha-fluoro-prednisolone, a compound seven to ten times as potent as prednisolone, with reduced side-effects.

INDICATIONS: Rheumatoid arthritis, rheumatic fever, bronchial asthma; ulcerative colitis; psoriasis; nephrosis; disseminated lupus erythrematosus and sarcoidosis.

DOSAGE: *Initially* 0·75–2·0 mgm. is given daily in divided doses; *Maintenance:* 0·75–1·0 mgm. daily with adjustment according to condition and response.

HOW SUPPLIED: In bottles of thirty and 100 tablets.

FIRST ISSUED: December 1958.

SUPPLY RESTRICTIONS: Therapeutic Substances Act.

REFERENCES: *Calif. Med.*, 1958. **88.** 417. *Arthritis and Rheum.*, 1958. **1.** 313.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

MEGOBAR

MANUFACTURER: Aspro-Nicholas, Ltd. (ethical pharmaceutical division), 225 Bath Road, Slough, Bucks.

DESCRIPTION: Tablets, each containing phenobarbitone, 30 mgm., bemegride, 3 mgm.

INDICATIONS: Sedative as for other phenobarbitone preparations but can be used with a high degree of safety.

DOSAGE: 1-3 tablets daily or as directed by the physician.

HOW SUPPLIED: In bottle of 100 tablets.

FIRST ISSUED: September 1958.

SUPPLY RESTRICTIONS: P1, S1, S4.

NOTES: Contra-indicated in patients with epilepsy or with suspected epileptic tendencies.

REFERENCES: *Brit. med. J.*, 1957. **2.** 1509. *Idem*, 1957. **2.** 1514.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

TYROMIST

MANUFACTURER: British Schering, Ltd., 229 Kensington High Street, London, W.8.

DESCRIPTION: An antibiotic throat spray containing tyrothricin, 0·02 per cent.; cetrimide, 0·05 per cent.; and amethocaine hydrochloride, 0·05 per cent., in an aqueous vehicle.

INDICATIONS: For relief and treatment of sore throat, laryngitis and allied conditions. As a prophylactic measure following tonsillectomy and other surgical procedures of the mouth and throat. When there is pyrexia or true purulent tonsillitis, as an adjunct to systemic chemotherapy.

METHOD OF USE: Spray should be directed once to either side and once to the centre of the throat; spraying is repeated every 1–2 hours as necessary.

HOW SUPPLIED: In special plastic atomiser containing 25 mils (1 fl. oz. approximately) of solution.

FIRST ISSUED: November 1958.

SUPPLY RESTRICTIONS: P.1.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

VIOFORM-HYDROCORTISONE

MANUFACTURER: CIBA Laboratories, Ltd., Horsham, Sussex.

DESCRIPTION: An anti-inflammatory, antiseptic and antifungal cream and ointment containing iodochlorhydroxyquinoline, 3 per cent.; and hydrocortisone, 1 per cent.

INDICATIONS: Eczema (including infected, nummular and allergic forms); dermatoses (neurodermatitis, seborrhœic atopic and contact dermatitis); ano-genital pruritus; varicose and indolent ulcers; sycosis barbæ: folliculitis; psoriasis, impetigo; herpes simplex.

METHOD OF USE: To be applied 1–3 times daily.

HOW SUPPLIED: In tubes of 5 gm. and 20 gm.

FIRST ISSUED: January 1959

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

STELAZINE

MANUFACTURER: Smith, Kline & French Laboratories, Ltd., 120 Coldharbour Lane, London, S.E.5.

DESCRIPTION: Medium-blue sugar-coated convex-shaped tablets each containing 1 mgm. or 5 mgm., and 1-ml ampoules each containing 1 mgm., of 2-trifluoromethyl-10-(3'[1"-methyl piperazinyl-4"]-propyl) phenothiazine dihydrochloride.

INDICATIONS: Specific for the hallucinated, delusional, and aggressive type of psychotic and the hebephrenic and catatonic schizophrenic. Good results are also reported with paranoid patients.

DOSAGE: Initially 10 mgm. is given daily, and after a week that is increased to 15 mgm. daily. Adjustment by 5-mgm. increases every three days permits individual requirements to be maintained. Average dosage is 15–30 mgm. daily, but some cases require up to 45 mgm. daily.

HOW SUPPLIED: In containers of fifty and 500 tablets and box of twelve ampoules.

FIRST ISSUED: November 1958.

SUPPLY RESTRICTIONS: Not scheduled. (Labelled POISON.)

NOTES: To be kept in a cool place.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

METHOTREXATE

MANUFACTURER: Lederle Laboratories division, Cyanamid of Great Britain, Ltd., Bush House, Aldwych, London, W.C.2.

DESCRIPTION: Tablets each containing 2·5 mgm. of 4-amino-N^{10}-methyl-pteroylglutamic acid, an anti-leukæmic agent clinically more effective in children than adults. In acute leukæmia the drug produces clinical improvement and increases the survival time in some cases from a few weeks to two years. The hæmatological picture after therapy may, for varying periods, return to almost normality. Some tumour types have been arrested, and "blast" forms in the blood and bone marrow represent the greatest effect in acute leukæmia noted so far.

INDICATIONS: For the treatment of acute leukæmia.

DOSAGE: *Infants*: 1·25–2·5 mgm. *Children*: 2·5–5 mgm. *Adults:* 5–10 mgm., 3–6 times weekly, depending on the individual tolerance and severity of the disease. The time of response varies; some patients respond satisfactorily in two to three weeks; others may not show response until the second month of therapy. If the general condition of the patient permits, therapy should be for six to eight weeks before being considered ineffective.

HOW SUPPLIED: In bottle of 100 tablets.

REFERENCES: *Brit. Med. J.*, 1958. i. 5061.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

CALCIPEN V-SULPHA tablets and suspension

MANUFACTURER: Boots Pure Drug Co., Ltd., Station Street, Nottingham.

DESCRIPTION: Each tablet or each 5 mils of suspension contains penicillin V, 60 mgm. (as calcium salt); and sulphadimidine, 0·5 gm.

INDICATIONS: Infections due to penicillin-sensitive organisms, including tonsillitis, scarlet fever, otitis media, pneumococcal pneumonia, staphylococcal infections, gonococcal infections, and mixed infections.

DOSAGE: *Adults and children over ten years old:* Four tablets or 20 mils of suspension initially, followed by 1–3 tablets or 5–15 mils of suspension every 4–6 hours. *Children aged two to ten years:* Two tablets or 10 mils of suspension initially, followed by 1–2 tablets or 5–10 mils of suspension every 4–6 hours. *Infants under two years old:* One tablet or 5 mils of suspension initially, followed by ½–1 tablet or 2·5–5 mils of suspension every 4–6 hours.

HOW SUPPLIED: Tablets in containers of twenty, 100 and 500 tablets; and suspension in bottle of sixty mils (with plastic spoon).

FIRST ISSUED: November 1958.

REFERENCES: *British med. J.*, 1958. **1**, 770.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

DIABINESE

MANUFACTURER: Pfizer, Ltd., 137 Sandgate Road, Folkestone, Kent.

DESCRIPTION: White, scored tablets, each containing 100 mgm. or 250 mgm. of chlorpropamide (1-(p-chlorobenzenesulphonyl)-3-propylurea), an oral hypoglycæmic agent.

INDICATIONS: Uncomplicated cases of diabetes mellitus of the stable, mild or moderately severe non-ketotic, maturity-onset or adult type. Patients suitable for oral hypoglycæmic therapy who have failed to respond to tolbutamide.

DOSAGE: Mild or moderately severe middle-aged or slightly older, stable diabetic patients, 500 mgm. daily initially. Geriatric patients, 250 mgm. daily initially. Patients weighing less than 50 kilos, 250 mgm. initially. The initial dose should then be increased or decreased by 50-100 mgm. at intervals of three to five days to obtain optimal controlling maintenance dose.

HOW SUPPLIED: In bottles of 100 or 500 tablets.

FIRST ISSUED: October 1958.

SUPPLY RESTRICTIONS: Not yet classified, but to be treated as: P.1, S.1, S.4.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

METANIUM

MANUFACTURER: Bengue & Co., Ltd., Mount Pleasant, Alperton, Wembley, Middlesex.

DESCRIPTION: In its new formulation the product in its two presentations comprises:—*Ointment*: titanium dioxide, 20 gm.; titanium peroxide, 5 gm.; titanium salicylate, 3 gm.; titanium tannate, 0·1 gm.; silicone-parallin base to 100 gm. *Dusting Powder*: titanium dioxide, 25 gm.; titanium peroxide, 5 gm.; titanium salicylate, 1 gm.; titanium tannate, 0·2 gm.; excipient to 100 gm.

INDICATIONS: For the treatment of bedsores; napkin rash; intertrigo; non-infectious skin lesions.

METHOD OF USE: Topical application 2–3 times daily as may be necessary.

HOW SUPPLIED: Ointment in tubes containing ½ oz. Dusting powder in sprinkler tin containing approximately 1 oz.

FIRST ISSUED: November 1958.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

ESIDREX

MANUFACTURER: CIBA Laboratories, Ltd., Horsham, Sussex.

DESCRIPTION: Tablets each containing 25 mgm. of 6-chloro-7 sulphamyl - 3,4 - dihydro - 1,2,4 - benzothiadiazine - 1,1 - dioxide (CIBA experimental No. SU 58/9) also known as hydrochlorothiazide.

INDICATIONS: As an oral diuretic in hypertension; acute and chronic heart failure; acute pulmonary heart diseases; toxæmia and œdema of pregnancy; renal œdema, chronic glomerulonephritis, nephrotic syndrome; hepatic œdema and ascites due to cirrhosis; œdema induced by drugs; premenstrual œdema; obesity with fluid retention.

DOSAGE: One to four tablets daily at first, reducing for maintenance, usually to one tablet after breakfast and after lunch.

HOW SUPPLIED: In containers of twenty-five, 100 and 500 tablets.

FIRST ISSUED: January 1959.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 17, 1959

FRAMYGEN

MANUFACTURER: Genatosan, Ltd., 12 Derby Road, Loughborough, Leics.

DESCRIPTION: A cream for topical application containing framycetin sulphate, 0·5 per cent. in an oil-in-water emulsified base.

INDICATIONS: Impetigo contagiosa, sycosis barbæ and lesions due to bacterial infection in the absence of significant underlying skin reaction.

METHOD OF USE: The cream is applied direct to the lesion (which may be lightly covered) or on a dressing.

HOW SUPPLIED: In 15-gm. tube with removable film label.

FIRST ISSUED: November 1958.



MORE LIGHT AND MORE SPACE

Structural changes under the chief pharmacist's advice bring about a major improvement to the pharmacy department at West Suffolk Hospital

FORMIDABLE problems faced the West Suffolk General Hospital, Bury St. Edmunds, when the cramped quarters of the pharmaceutical department made rehousing imperative. The way in which the problems were solved may be of value to others in parallel situations.

As in many other places the expansion of facilities under the National Health Service precipitated rearrangement of the out-patients' department. At Bury that was peculiarly difficult because the building, which stands slightly apart from the main block, could not be readily enlarged. Eventually space was made available within the existing framework by evacuation by the pathology department of its semi-basement rooms.

The chief pharmacist (Mr. W. F. Montgomery, F.P.S.) had foreseen the need for expansion of the pharmacy and fortunately for the department his advice was sought. The available space consisted of six rooms, whose natural lighting was poor and which were cramped by partitions which defeated easy access, working or supervision. A staircase gave ready communication to consulting rooms above, but terminated in one of the two centre rooms of the floor. It was decided to create a compact entrance hall at the foot of the staircase as the outer doors were also there. The wall on the right of the entrance was pierced to provide a reception window.

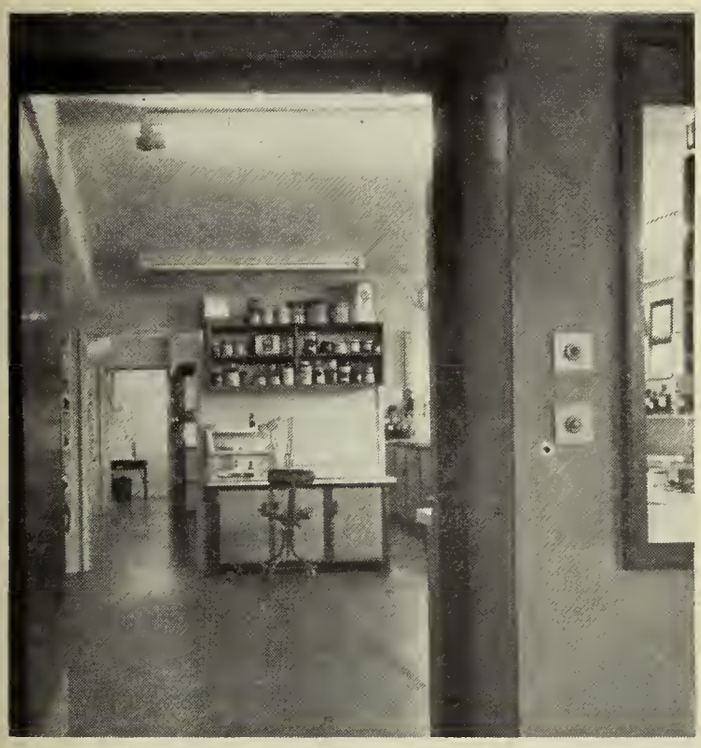
Wide sliding glass doors now give an uninterrupted view of the light dispensary. Derived from two rooms by removal of the dividing wall consistent (with due regard to the structure of the building), the enlarged dispensary now has a convenient island bench with small aseptic cabinet on one side and a small autoclave on the other. A heated ointment slab is also available. Wall shelves carry the main galenical stock, and there are smaller shelves above the working benches. The former lack of light has given way to ample daylight by extensive windows subsidised by " daylight " fluorescent tubes.

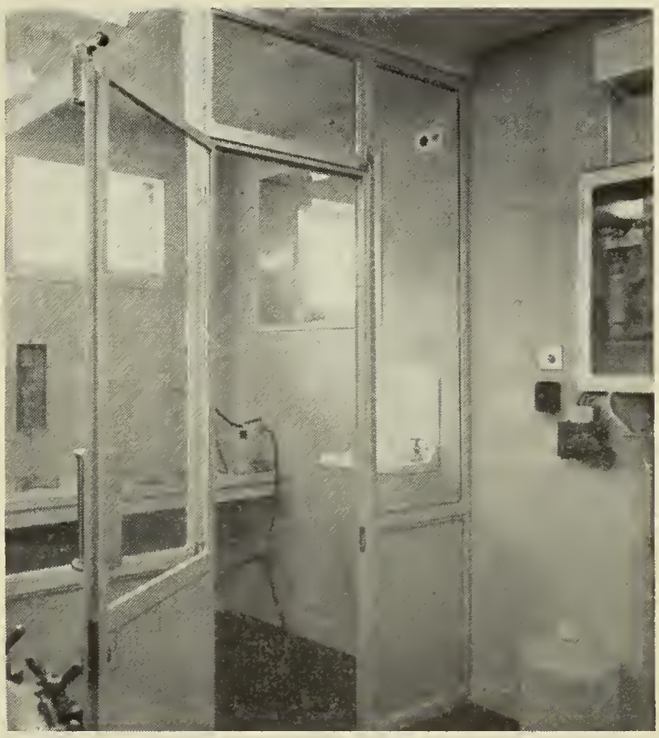
Glare has been softened by the use of a grey-white wall colour, blending with marbled red linoleum as floor covering.

Beyond the main dispensary is an inner sterile preparations room with an outer space in which are housed an oven for dry-heat sterilisation and a large autoclave. A metal and reinforced-glass partition with inset door divides the space. Inset into the sterile preparations room wall is an air filter, and the usual service facilities are available at the bench. A former secluding wall has been penetrated,



Patient's view of the main dispensary from the hall through the service hatch. At head of page: exterior of the department.





Left: Sterilisation section at far end of main dispensary. Right: Sterile room showing abundant lighting, convenient facilities, and bench services.

a large inset window now giving a view into the main dispensary. The outer section is equipped with a compact still, attached to the wall, for the production of apyrogenic water. On the floor below is a small air pump that serves the vacuum points on the benches.

A passage-way beneath the staircase prevents congestion in the hall. Angle-girder shelving permits flexibility of "fixtures." Outside the dispensary access from the road is via concrete ramps, the absence of steps easing the carriage, upon trollies, of incoming goods.

"JOE'S STUFF"

The fluorocarbons and their place in the modern world

THE first important rôle played by fluorocarbons was in the manufacture of the first atomic bomb. Atomic scientists in the United States required an inert substance that could be mixed with uranium hexafluoride. prior to separation of the required isotope. Professor J. "Joe" Simmons, who was working on fluorine chemistry at Pennsylvania State University at that time, submitted his total stock of crude fluorocarbon for trial, and it was accepted. Two mils of a mixture consisting principally of heptforane (C_2F_6) made history and the Professor was encouraged to continue his research. The compounds Simmons prepared at that time were referred to reverently and discreetly by Government scientists as "Joe's Stuff" and the name still lingers on.

Until World War II attempts at mating carbon and fluorine had proved frustrating and often disastrous. Moissan, a French chemist experimented with fluorine in the late nineteenth century and only with difficulty prepared small quantities of simple compounds such as carbon tetrafluoride by passing gaseous fluorine over heated carbon. His final words on the subject are quoted as:—"L'étude des composés de fluores réserve encore bien des surprises."

Reactions Eventually "Tamed"

Fortunately for science, the surprise and bewilderment of one worker often leads to the curiosity and eventual discoveries of others; in this case Simmons in America and other scientists in the United Kingdom pressed on regardless and eventually tamed the reactions of fluorine by controlled catalysis and other methods. For example fluorine reacts with cobalt difluoride to produce a trifluoride. The trifluoride relinquishes its fluorine to hydrocarbons

$$CoF_2 \xrightarrow{F_2} CoF_3 \xrightarrow{R.H.} CoF_2 + R.F.$$

Fluorine diluted with inert nitrogen also reacts with hydrocarbons when passed over copper coated with silver or gold at a temperature of 100-200°C. The yields in these reactions are not large, and the processes only applicable to laboratory experiments. For preparation on the larger scale a simple electrolytic cell is employed in which multiple nickel plates are suspended in a bath of hydrogen fluoride and some organic solvent. Passage of current through the system with the nickel plates acting as alternate anode and cathode liberates fluorocarbons in quantity and drives off hydrogen. A one lb. electrode pack can produce 20-25 lb. of fluorocarbon daily by continuous operation of the process. The raw material for the production of fluorocarbons are readily available in the earth's crust. Minerals such as apatite, cryolite and fluorspar are found in many parts of the world and are already extracted for ingredients other than fluorine. The compounds which may be thus produced are many and together form a new branch of technology which will ultimately have far reaching effects in industry and everyday life.

As in most branches of science there are two systems of terminology in use—the American and the British:—

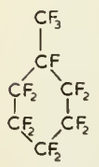
FORMULA	AMERICAN	BRITISH
CF_4	methforane	carbon tetrafluoride
C_2F_6	ethforane	hexafluoroethane
$(CF_3)_2O$	methylforyl oxide	trifluorodimethyl ether
C_2F_5COOH	ethforic acid	pentafluoropropionic acid

The properties of these and related compounds are in many cases unique. The possible combinations of carbon

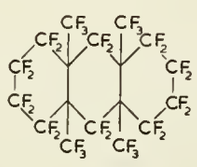
and fluorine with subsidiary groups verge on the infinite and a whole new branch of chemistry is born. Just as Wöhlers urea synthesis was the opening of modern organic chemistry, so Moissan's experiments represent the entry into the fluorocarbon era with all its possibilities.

Consider some of the properties of the simpler fluorocarbons:—Structually they are composed of strongly electro negative fluorine and electropositive carbon. The bonds are short and strong and the high energy required to break them provides an endothermic reaction. Fluorine atoms are larger than hydrogen and thus provide a more efficient protective sheath around the energy field of the carbon atoms than is the case in hydrocarbons. However, the carbon chains still rupture when the compounds are strongly heated.

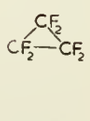
CF_2-chains and rings are relatively stable and like the related hydrocarbons may be formed, deformed and manipulated. In some cases these reactions run parallel and in other cases the reactions of fluorocarbons have no parallel in organic chemistry.



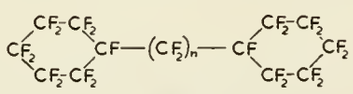
Liquid



Solid



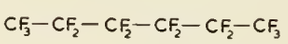
Gas



Solid



Gas



Liquid

These are examples of basic fluorocarbon structures. Almost any functional groups or combination of functional groups may be added to the basic units and the structures may be fully or partially saturated. Some of the fluorine atoms may be replaced by hydrogen or chlorine and large numbers of these compounds are already in existence.

The unusual properties of many of the compounds so far prepared is shown by their resistance to attack by chemicals, heat, bacteria and moulds. Strong nitric acid and hydrogen peroxide are without appreciable effect on fluorocarbons and that property is already finding wide application in the chemical industry. Fabrics and constructional materials are now possible which withstand extensive use and exposure. A raincoat has been publicised which is made completely stain-proof by treatment with fluorocarbons.

Physical Properties

In physical properties the lower members resemble the hydrocarbons in their boiling points, melting points and viscosity. In addition they provide excellent insulators of high dielectric strength for valuable electrical equipment. The stability and self-reliance of individual molecules is shown by their weak inter-molecular forces. The liquids have exceptionally low surface tension characteristics and the more viscous members will not adhere to metallic surfaces. Their possibilities as detergents, non-ionic emulsifiers and wetting agents which are resistent to chemical attack, have not yet begun to be exploited, and will no doubt eventually bring them into the laboratory to replace more conventional materials at present in use.

The intermediates in the preparation of most of the fluorocarbon compounds are the perfluoroacids such as C_3F_7COOH – butyrforic acid or heptafluorobutyric acid. Unfortunately, the process – $C_3F_7I \longrightarrow C_3F_7CN \longrightarrow C_3F_7COOH$ is not possible, but an alternative route has been found:—

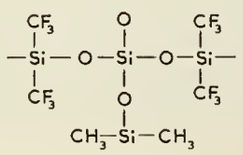
$$C_3F_7I \longrightarrow C_3F_7 . CH_2 . CH_2I \xrightarrow[\text{alcoholic}]{KOH} C_3F_7 . CH{:}CH_2 + HI$$

$$C_3F_7 . CH{:}CH_2 \xrightarrow{KMnO_4} C_3F_7 . COOH$$

Some esters of these acids have been formed and the acrylate esters are of particular note. Polymers of the acrylate esters are rubber-like materials which are non-inflammable, solvent-resistant and retain their elastic properties at low temperatures. The technological possibilities of such compounds are indeed great.

A Diversity of Compounds

Compounds have been prepared from the perfluoroacids containing elements as diverse as arsenic, phosphorus, aluminium, sulphur and lithium. Some compounds such as CF_3SO_3H are extremely strong acids and will readily char paper. Fluorosilicones have been prepared and may prove extremely useful in furthering the applications of the traditional silicones.

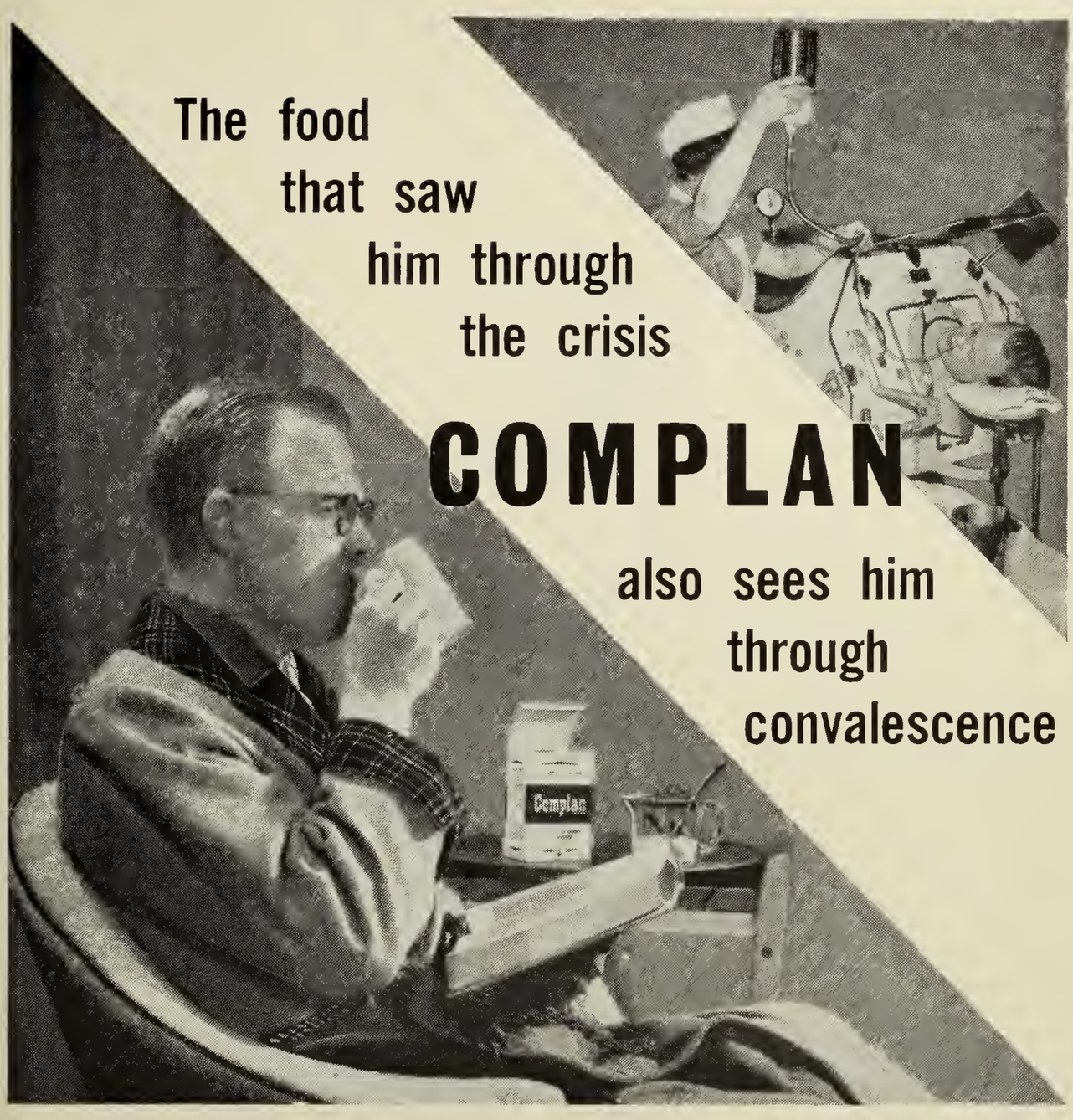


Although resistant to chemical attack certain fluoroalkyls undergo photochemical oxidation, a process which has useful applications in many fields including the synthesis of new compounds.

$$\text{Thus } C_3F_7I \xrightarrow[\text{U.V. light.}]{O_2} COF_2$$

Chlorofluorocarbon polymers $(CF_2{-}CFCl)n$ are already in use as greases of excellent thermal and chemical stability in valves and pumps carrying corrosive material such as nitric acid and hydrogen peroxide. The greases unfortunately volatalise at temperatures above 150°C and decompose at 300–350°C to produce compounds of simpler structure. The inhalation of these by-products is considered most unwise and has so far provided an insight into the possible toxicity of fluorocarbons. In addition the greases themselves may prove irritant to the skin. Substances, however, which display toxic effects are often the precursors of new drugs with high physiological activity. Obviously the gigantic range of fluorocarbons must provide a number of substances which will be of medicinal value. One of these, halothane, is already in use as a general anæsthetic. Its formula $C_2HClBrF_3$ is obviously related to heptforane C_2F_6 and its discovery may even be connected with those toxic by-products from the decomposition of the chlorofluorocarbon greases. This anæsthetic has been clinically tried and tested and is available to surgeons. Its non-inflammability and non-explosive nature alone represents an improvement on many standard anæsthetics. In addition it is reported as providing smooth anæsthesia with adequate relaxation for most surgical procedures. The secretion of saliva and bronchial mucus is suppressed and the risk of vomiting during induction is slight. The vapour produces a mild hypotension which whilst helping to reduce bleeding, may together with its depression of cardiac activity, make it potentially dangerous in inexperienced hands. However, its mere existence indicates the entry of fluorocarbons into pharmacy and medicine.

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TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, JANUARY 14: No marked upturn in demand for CRUDE DRUGS was noticeable during the week and for the most part, therefore, prices were untested.

CINNAMON QUILLS were sharply advanced at origin the c.i.f. prices going up fourpence per lb. in the case of OOOO's and other grades by proportionate amounts. TURMERIC was slightly dearer for shipment, but Aleppy green CARDAMOMS were down by one shilling per lb. and new-crop Jamaican GINGER by 10s. per cwt. In AROMATIC SEEDS Moroccan CORIANDER was lower at 50s. per cwt., duty paid (against 57s. 6d.), the shipment rate declining from 42s. 6d. to 40s. 9d. per cwt. Chinese MENTHOL was sixpence per lb. dearer in both positions. Shortages of many commodities continue but ORANGE PEEL was again offering on the spot and LEMON PEEL was quoted afloat. Holders of Persian LIQUORICE ROOT were asking 2s. 6d. per cwt. more for their depleted stocks, whilst Russian is still not quoted.

Lower per lb. among spot ESSENTIAL OILS were: Brazilian BOIS DE ROSE (down threepence); CITRONELLA and Madagascan CLOVE LEAF (both down three-halfpence); French LAVENDER (about eight shillings); PATCHOULI (one shilling); BOURBON GERANIUM (five shillings) and PETITGRAIN (sixpence). Dearer were Chinese PEPPERMINT (by one shilling per lb.); LEMONGRASS (by twopence) and Mysore SANDALWOOD (five shillings).

Price movements in PHARMACEUTICAL CHEMICALS were of a minor nature and included HYDROGEN PEROXIDE, OLEIC ACID and CHLOROFORM. The minimum price for SANTONIN now relates to 5-kilo lots. TANNIC ACID is available for prompt delivery but there is a short delay in the delivery of GALLIC and PYROGALLIC ACIDS. Meanwhile other prices continue at recent levels.

Pharmaceutical Chemicals

ALUMINIUM HYDROXIDE. — One-cwt. lots of B.P.C. 1943 are 3s. 3d. per lb.

AMMONIUM BICARBONATE. — The B.P. powder is £50 5s. per ton; CARBONATE is £81 10s. for lump and £85 10s. for powder, all delivered terms.

AMPHETAMINE.—One to 10-kilo lots are: BASE, from 140s. to 160s. as to quantity; SULPHATE is 110s. to 130s. and *d*-AMPHETAMINE SULPHATE, 405s. to 420s. for similar quantities.

ASPIRIN.—5-cwt. lots are 4s. 9d. per lb.; 1-cwt., 4s. 11d. The CALCIUM SALT is 12s. 6d. per lb.

ATROPINE.—Rates for 16-oz. (500-gm.);

	per oz.		per kilo	
	s.	*d.*	*s.*	*d.*
ALKALOID	39	0	1375	0
HYDROCHLORIDE ..	36	0	1269	0
METHONITRATE	39	0	1375	0
METHYLBROMIDE ..	38	6	1357	0
SULPHATE	34	0	1198	6

BARIUM SULPHATE. — 250-kilo lots of B.P. (*x*-ray) are now 3s. 3½d. per kilo.

BENTONITE.—Offers of B.P. material are about £70 per ton as to quantity.

BENZAMINE.—16-oz. lots of LACTATE are 15s. 3d. per oz. and HYDROCHLORIDE 16s. 3d. per oz.

BRUCINE. — ALKALOID and SULPHATE in 100-oz. lots is now 7s. 3d. per oz.

CAFFEINE. — Minimum rates for 5 cwt. or 250s-kilos and over are as follows (kilo price in parentheses) :— MONOHYDRATE, 17s. 6d. per lb. (38s. 9d.) ; ANHYDROUS, 18s. (39s. 9d.); CITRATE, 11s. 6d. (25s. 3d.); and SODIUM BENZOATE, 13s. 3d. (29s. 3d.); and SODIUM IODIDE, 22s. 6d. (49s. 6d.) ; and SODIUM SALICYLATE, 14s. 9d. (32s. 3d.).

CHLOROFORM.—1-cwt. lots in winchesters are 3s. 4½d. per lb.; 56-lb., 3s. 6d. In drums, prices are 3s. 2d. and 3s. 2½d. per lb. respectively.

DEXTROSE. — Rates are as follows:— MONOHYDRATE, B.P., 1-lb., 1s. 11½d.; 7-lb., 11s. 10d.; 28-lb., 43s.; free packages, less 12½ per cent. to wholesalers. In bulk, 1-ton lots, £90 ex works. ANHYDROUS, B.P., 7-lb. 14s.; 14-lb., 26s. 3d.; 28-lb., 49s. (terms as for monohydrate). 1-ton lots, £107 10s. ex warehouse.

ETHER.—Prices (per lb.) in winchesters are as follows :—TECHNICAL B.S.S., and SOLVENT, 5-cwt. 2s. 7d.; (4s. 1½d. litre). In drums the price is 2s. 2d. per lb. ANÆSTHETIC, B.P., 5-cwt., 3s. 10d.; 10-cwt. 3s. 9d.

FORMALDEHYDE. — B.P. solution in 1-4-drum lots is £39 15s. per ton ; 5-drum lots are £38 15s. per ton.

GLYCEROPHOSPHATES.—Rates per lb. for 1-cwt. lots are as follows:—ACID, B.P.C., 20 per cent., 5s. 9d.; CALCIUM, soluble, B.P.C., 11s. 9d.; IRON, B.P.C., scale, 15s. 9d. and powder, 14s. 9d.; MANGANESE, soluble, B.P.C., 14s. 3d., and insoluble, 7s. 6d.; MANGANESE, B.P.C., 26s. 3d.; POTASSIUM, 50 per cent., B.P.C., 3s. 9d. and 50 per cent., B.P.C., 3s. 1d. and 75 per cent., B.P.C., 4s. 6d.

HEXAMINE.—B.P. is 1s. 11½d. per lb. for 1-ton lots, delivered in 1-cwt. kegs. Technical is threepence per lb. under those rates.

HYDROGEN PEROXIDE. — 27·5 per cent. (by weight), £119 per ton; 35 per cent., £143 in returnable carboys.

IODINE.—Resublimed is 13s. 2d. per lb. in 1-cwt. lots, or 12s. 8d. in 5-cwt. lots. Minimum delivered rate for CRUDE is now 15s. per kilo.

LACTATES. — CALCIUM, B.P., is 2s. 10d. per lb. in 5-cwt. lots and 2s. 11d. in 1-cwt. lots; CALCIUM SODIUM for similar quantities is 4s. 9d. and 4s. 10d. per lb.

LEAD ACETATE. — B.P. crystals are 200s. per cwt. and technical, 180s.

MAGNESIUM CARBONATE.—Minimum bulk rate for LIGHT is 121s. per cwt.; HEAVY is 160s. per cwt. for 15-cwt. lots and about 130s. per cwt. for 1-ton lots.

MAGNESIUM CHLORIDE. — One-cwt. lots are quoted at 1s. 10d. per lb.; 5-cwt., 1s. 7d.

MAGNESIUM HYDROXIDE.—Makers' prices for B.P.C. are 1-cwt. lots, 3s. 5d. per lb. and 1-ton, 3s. 2d. per lb.

MAGNESIUM SULPHATE.—Quotations for B.P. in minimum 1-ton lots vary between £18 and £21 per ton according to size of crystal and manufacturer. Exsiccated is £42 per ton. All ex works.

MAGNESIUM TRISILICATE. — In 28-lb. packages the prices (per lb.) are now as follows:—28-lb., 4s. 9½d.; 1-cwt., 3s. 10d.; 5-cwt., 3s. 7d.; 1-ton, 3s. 1d.

METOL. — In 1-cwt. lots the price is 24s. 6d. per lb.

OLEIC ACID. — B.P. grade £170 10s. per ton (£174 10s. single drum lots); 1 gall. tins 21s. per gall.

POTASSIUM BROMATE.—In 5-cwt. lots the price being asked is 5s. 3d. per lb.

POTASSIUM CHLORIDE. — In 1-cwt. lots B.P., is 1s. 6d. per lb.

POTASSIUM HYDROXIDE.—B.P. sticks are from 6s. 8d. per lb. and pellets, 5s. 1d.; technical flake, 1s. 4d.

POTASSIUM SULPHATE. — One-cwt. lots are from 1s. 2d. to 1s. 3d. per lb.

POTASSIUM THIOCYANATE.—One-cwt. lots are 5s. 6d. per lb.

RESORCINOL.—1-cwt. lots are now quoted at 13s. per lb. by manufacturer.

SALICYLIC ACID.—Prices are now: 5-cwt. lots in bulk, 3s. 0½d. per lb.; 1-cwt. 3s. 2½d.

SANTONIN.—5-kilo lots, 400s. per kilo.

SILVER SALTS. — PROTEIN, 36s. 3d. to 42s. 9d. per lb.; VITELLIN from 68s. 6d. to 76s. 6d. per lb. as to quantity.

STRYCHNINE.—Per oz.; ALKALOID, crystals, 8s. 3d. HYDROCHLORIDE, 8s. 4d.; SULPHATE, 7s. 3d.; NITRATE, 8s. 9d., all for 100-oz. lots in free containers.

Alcohol

BRITISH SPIRIT per proof gall.:—

Ethyl Alcohol: (95 per cent. Gay Lussac. 66 *o.p.*); where the number of proof gall. taken over any one year ended March 31 is 300,000 or over 4s. 0½d.; 200,000 and less than 300,000, 4s. 0¾d.; 100,000 and less than 200,000, 4s. 1¼d.; 50,000 and less than 100,000, 4s. 1½d.; 10,000 and less than 50,000, 4s. 2½d.; 2,500 and less than 10,000, 4s. 2¾d. Prices are exclusive of duty and are for tank wagon lots. In 40-gall. drums there is a surcharge of 1d. per proof gall. The following grades are subject to a premium on the above prices as set out in the next paragraph:—

Absolute Alcohol, 95·5 per cent., 74·5 *o.p.*, 3d. more per proof gall., the special high strength (99·9 per cent., 75·2 *o.p.*), 5d. more. *Doubly Rectified Alcohol* (*S.V.R.*) 95·8 per cent., 68 *o.p.*, is 3d. more and *P.I. Rectified Alcohol,* 96·1 per cent., 68·5 *o.p.*, 8d. more. *R. R. Absolute Alcohol* (re-rectified, 99·7 per cent., 75 *o.p.*), 14s. 10d. per bulk gall. net.

Methylated Spirit

METHYLATORS' rates per bulk gall. in Great Britain are as follows:—

Industrial Methylated spirit: Strength 61 *o.p.*, 500 gall. and over, 5s. 11d.; 100 gall. and under 500 gall., 6s. 2d.; 40 gall. and under 100 gall., 6s. 5d.; 10 gall. and under 40 gall., 6s. 10d.; 5 gall. and under 10 gall., 7s. 3d. Strength 64 *o.p.*, ½d. per gall.; 66 *o.p.* (B.P.), 1d.; 68 *o.p.*, 3½d. more than the above rates with 74 *o.p.* at 6s. 8½d., 6s. 11½d., 7s. 2½d., 7s. 7½d. and 8s. 0¼d. per gall. for similar quantities. Tank wagon delivery is 1½d. per gall. off list price—minimum, 500 gall. For industrial methylated spirit of standard toilet quality prices are from 7s. 2½d. (tank wagon) for 500 gall. to 8s. 8d. for 5–10 gall. (in drums) for 61 *o.p.*

Pyridinised industrial methylated spirit: Strength, 66 *o.p.*, 500 gall. and over, tank wagon delivery, 6s. 2d.; 100 gall. and under 500 gall. (in drums), 6s. 6½d.; 40 gall. and under 100 gall., 6s. 9½d.; 10 gall. and under 40 gall., 7s. 2½d.; 5 gall. and under 10 gall., 7s. 7½d.

Mineralised methylated spirit: Strength 64 *o.p.* in one delivery, 100 gall. and under 500 gall., 6s. 6½d.; 40 gall. and under 100 gall., 6s. 9½d.; 10 gall. and under 40

gall., 7s. 2½d.; 5 gall. and under 10 gall., 7s. 7½d.

Methylated resin finish is 3d. per gall. over and *methylated shellac finish* is 1s. per gall. over the prices of pyridinised methylated spirit.

Terms:—Deliveries free and carriage paid on returned empties; net cash.

Crude Drugs

ACONITE. — Spot supplies of Spanish *napellus* are 2s. 6d. per lb.

AGAR.—Kobe is 10s. 6d. per lb., duty paid; new-crop for January–February 1959 shipment, 8s. 4½d.

ALOES. — Cape prime on the spot is 230s. per cwt. and for shipment, 205s., c.i.f.

ANISE (STAR).—Chinese is 110s. per cwt. c.i.f. and 135s. spot, duty paid.

ARECA.—Sound nuts 1s. 6d. per lb., spot.

BELLADONNA.—Herb is 8s. 3d. per lb. on the spot. Root is 1s. 6d. spot; shipment, 1s. 3d., c.i.f.

BENZOIN.—Sumatra block on the spot is £22 to £28 as to quality.

BUCHU.—Spot rounds are 6s. per lb. and shipment, 5s. 9d., c.i.f.

CAMPHOR.—B.P. POWDER is from 4s. 3d. per lb., duty paid. TABLETS, ¼-oz., are 6s. in bond.

CAPSICUMS. — East African are from 150s. to 200s. per cwt. on the spot.

CARDAMOMS.—Aleppy greens are offered on the spot at 15s. per lb.; January–February shipment is 12s. 6d., c.i.f.; Seeds, spot, 24s. 3d., shipment, 19s. 6d., c.i.f.

CASSIA.—210s. c.i.f. Spot, whole 270s. and shipment, 255s., c.i.f.

CHILLIES. — Spot Mombasa are 185s. per cwt. and Zanzibar, 225s.

CINNAMON.—Ceylon for shipment (c.i.f.) per lb.; OOOO, 7s. 1d.; OOO, 6s. 11d.; OO, 6s. 9d.; seconds, 4s. 11½d.; featherings, 1s. 11¾d.; quillings, 4s. 2¾d.; chips, 1s.

CLOVES. — Zanzibar on the spot are 3s. per lb.; shipment, 2s. 8d., c.i.f.

COCHINEAL.—Silver-grey Peruvian quoted 6s. 4d. per lb., c.i.f.; Canary Isles black-brilliant, 20s. 6d.; silver-grey, 17s. 6d., spot.

COCILLANA.—Bark is 1s. 8d. per lb. on the spot.

FRANGULA.—Spot is 105s. per cwt.

GENTIAN.—French is 170s. per cwt. on the spot.

GUM ACACIA. — Kordofan cleaned sorts are 137s. 6d. per cwt. on the spot; January–February shipment, 119s.

HONEY. — Australian light-amber is 113s. to 117s. and medium amber 102s. 6d. to 107s. 6d. Argentine, 125s. to 130s.; Jamaican, 130s. to 135s.; New Zealand clover, 160s. to 170s.; all per cwt. on the spot.

KARAYA. — No. 1 gum on the spot is quoted at 210s. per cwt., No. 2 at 154s. 6d.

KRAMERIA.—Root is quoted at 90s. per cwt.

LANOLIN. — ANHYDROUS, B.P., is from 170s. to 175s. per cwt. in 1-ton lots and HYDROUS, B.P., 150s., free drums, delivered.

LEMON PEEL.—Spot cleared; new-crop to arrive 5s. per lb. landed.

LIQUORICE.—Jugo-Slavian, 152s. 6d. landed terms. Natural root: Persian on the spot is 50s.; for shipment, 42s. 6d., c.i.f., per cwt. Block juice: Anatolian and Chinese, 190s. per cwt., Italian stick from 310s. to 476s. per cwt. Spray dried extract, 2s. 10½d. per lb.

LOBELIA HERB. — Spot offers of American are 3s. 9d. per lb. and for shipment, 3s. 6d., c.i.f. Dutch 3s. 1d., c.i.f. for shipment; spot, 3s. 5d.

MACE.—Whole on the spot is 23s. 6d. per lb.

MENTHOL.—Chinese is 52s. 6d. per lb., duty paid and 47s. 6d., c.i.f.; Brazilian, spot, 35s., duty paid, January shipment, 32s. 6d., c.i.f. Formosan for shipment, 36s., c.i.f.

ORANGE PEEL. — Scarce. Spot: Sweet ribbon, 2s. per lb.; bitter quarters: West Indian, 1s.; Spanish, 1s. 8d.

PAPAIN.—Shipment is 22s. 6d. per lb., c.i.f., for grade one, spot, 25s.

PEPPER.—White Sarawak spot, 2s. 7¼d. per lb., January shipment, 2s. 6¾d., c.i.f.; Black Sarawak spot, 1s. 7d.; January shipment, 1s. 6d., c.i.f. Black Malabar nominal at 212s. 6d. per cwt. on the spot; new-crop for January–February snipment, 177s. 6d., c.i.f.

PIMENTO.—Spot value is 550s. to 560s. per cwt.

QUASSIA.—Shipment offers (January) are at 39s. per cwt., c.i.f.

QUILLAIA.—Spot offers of whole bark at 130s. per cwt.; cut, 170s.; crushed, 165s. Whole for shipment, 110s., c.i.f.

RAUWOLFIA.— *Canescens*, 2s. per lb., c.i.f.; *Vomitoria*, 2s. 3d., c.i.f.; *Serpentina*, 6s., c.i.f. asked.

SARSAPARILLA.—Jamaican native red on the spot is 2s. 9d. per lb. Shipment, 2s. 6d., c.i.f.

SEEDS. — (Per cwt.). ANISE. — Spanish, 165s.; Turkish, 140s., both duty paid. CARAWAY. — Dutch, 120s., duty paid; 97s. 6d. quoted f.o.b., Holland. CELERY. —Indian quoted at 165s., on spot, January–February shipment, 127s. 6d., c.i.f., and new-crop for June–July, 120s., c.i.f.; CORIANDER.—Moroccan lower at 50s., duty paid with business passing at that figure. The shipment price has also declined with business reported at 40s. 9d., c.i.f. CUMIN. —Firm. Cyprian, 260s. and Iranian 240s., in bond. DILL.—Indian offering at 70s. on spot; shipment, 59s., c.i.f. FENNEL.— Chinese, 150s. duty paid and Indian, 160s. Indian for shipment, now 97s. 6d., c.i.f., for old crop. FENUGREEK. — Moroccan 45s., duty paid. MUSTARD. — English, 115s.; Danish, 95s., duty paid.

SENEGA. — Spot offered at 14s. 6d. per lb.; shipment, 14s. 6d., c.i.f., nominal.

SENNA. — *Tinnevelly* LEAVES, prime No. 1, 1s. 5d. per lb., f.a.q., No. 3, 10d. PODS, manufacturing (f.a.q.) 1s. 3½d. and hand-picked, 1s. 9d. to 2s. 2d. *Alexandria* pods: Manufacturing, offered from 1s. 6d. with hand-picked from 4s. to 6s. 6d.

SHELLAC. — F.O.T.N. 180s. per cwt., F.O. No. 1, 205s.; fine orange, 217s. 6d. to 270s.

SLIPPERY ELM. — Grinding quality bark is 2s. 7d. per lb.

SQUILL.—White is quoted at 85s. per cwt. on the spot.

STRAMONIUM. — Indian LEAVES are 70s. per cwt., and European 80s. on the spot.

STYRAX. — January delivery offered at 30s. per lb., ex wharf, London.

TONQUIN BEANS.—Para on the spot are offered at 8s. 3d. per lb.

TRAGACANTH.—No. 1 ribbon is £115 to £120 per cwt. No. 2, £105 to £110.

TURMERIC. — Madras finger is 62s. 6d. on the spot; current crop for shipment, 58s. 6d., c.i.f.; March–April, 60s., c.i.f.

VALERIAN ROOT. — Spot: Indian (with rootlets) is 130s. and Belgian, 175s. to 195s. per cwt. Dutch (max. 2½ per cent. sand) for prompt shipment, 159s., c.i.f.

VANILLIN.—Rates (per lb.) are now:— 5-cwt. lots, 25s. 3d.; 1-cwt., 25s. 6d.; 56-lb., 25s 9d.; smaller quantities, 26s.

WAXES. — (Per cwt.). BEES'.—Dar-es-Salaam, spot, 490s.; shipment, 475s., c.i.f. Abyssinian, spot, 450s. in bond; shipment, 435s., c.i.f. Benguela spot, nominal; shipment 440s., c.i.f. CANDELILLA.—Spot 460s. CARNAUBA.—Fatty grey spot, 585s.; for shipment, 585s., c.i.f. Prime yellow, spot, 920s.; shipment, 890s., c.i.f.

Essential and Expressed Oils

ANISE.—Chinese, 8s. per lb., spot; shipment, 7s. 10d., c.i.f.

BOIS DE ROSE.—Brazilian is 15s. per lb. on the spot and 13s. 9d., c.i.f.

CASTOR.—Home-produced B.P. oil on the spot is £130 per ton naked ex mill (2-ton lots).

CITRONELLA.—Ceylon, spot is 3s. 10½d. shipment, 3s. 4½d., c.i.f. Formosan, spot 3s. 10½d., in bond; shipment, 3s. 6d., c.i.f.

CLOVE.—Madagascar leaf, 6s. 10½d. per lb., duty paid; shipment, 5s. 9d., c.i.f. Rectified 87–88 per cent., 9s. 3d. Distilled bud oil, English, B.P., 30s. to 31s.

COD-LIVER. — B.P. is 11s. 6d. per gall. in charged returnable drums. Veterinary is from 9s. 6d. per gall.

DILL.—B.P. imported is 25s. per lb.

EUCALYPTUS.—Australian 70 to 75 per cent. eucalyptol on the spot is 4s. 9d. per lb. 80–85 per cent., 5s. 6d. Spanish (70–75), 4s. spot. Chinese 3s. to 3s. 3d.

FENNEL.—Spanish sweet on the spot is quoted at 9s. 6d. per lb.

GERANIUM.—Bourbon is 115s. per lb. on the spot and 110s., c.i.f. Algerian, 105s.

GINGER.—English-distilled oil is 160s. per lb. Imported: Jamaican, 130s.; Chinese, 72s. 6d., duty paid.

LAVENDER.—French oil, 40–42 per cent. is at 42s. per lb.

LAVENDER SPIKE.—Spanish is at 16s. 6d. to 17s. 6d. per lb. for original drums.

LEMON.—B.P. grades from 18s. to 30s. per lb. on the spot. Californian for shipment, 25s. to 28s. 6d., c.i.f. Terpeneless, 550s. per lb.

LEMONGRASS. — Spot 5s. 6d. per lb., and shipment, 5s. 3d., c.i.f.

NUTMEG.—Imported B.P. oil is from 70s. to 92s. 6d. per lb. English-distilled, 95s. to 97s. 6d. as to quantity.

PATCHOULI. — Penang is 22s., duty paid and 18s. 6d., c.i.f. per lb.

PEPPERMINT. — *Arvensis*: Chinese is 25s. per lb. spot; shipment 22s., c.i.f. nominal. Brazilian, 7s. 9d. spot, and 7s. 4d., c.i.f. Formosan, 16s. 6d., spot; new-crop for January shipment, 14s. 6d., c.i.f. *Piperita:* Italian "Mitcham-type" from 42s. 6d. to 50s.; American 27s. 6d. to 30s., as to origin.

PETITGRAIN. — Paraguay is offered at 18s. 3d. per lb. on the spot; 17s., c.i.f.

PIMENTO. — English-distilled berry is 180s. per lb.; imported, 77s. 6d. Rectified leaf, 27s. 6d. per lb. for small lots.

SANDALWOOD. — Mysore offered from 82s. 6d. to 85s. per lb. as to source. East Indian, 82s., spot.

SASSAFRAS. — Brazilian is from 3s. 6d. per lb., duty paid.

SPEARMINT.—Offers of U.S.P. grade are from 37s. 6d. to 42s. 6d. per lb., spot. Chinese, 25s., spot and 23s., c.i.f., per lb.

TANGERINE. — Hand-pressed is 55s. per lb. and machine-pressed, 42s. 6d.; others, 28s. to 29s. on the spot.

YLANG YLANG.—Spot is from 32s. 6d. to 46s. per lb. as to grade.

UNITED STATES REPORT

NEW YORK, JANUARY 13: Anhydrous PIPERAZINE was lowered 35 cents to $1·60 a lb. in lorry loads. VANILLA BEANS were raised by 25 cents a lb. to make Bourbons $11·25 and Mexicans $11. SANDALWOOD OIL advanced by 25 cents to $13·50 a lb. Lower per lb. were PETITGRAIN at $2·30 (down 10 cents); Formosan CITRONELLA, 52 cents (three cents); Floridan ORANGE, $1·10 (five cents); and Bourbon VETIVERT, $12 (50 cents).

NOTES ON NEW MEDICAMENTS

CORTUCID.—*Constituents:* Hydrocortisone acetate and sulphacetamide sodium. The steroid promotes relief of inflammation, and the sulphacetamide reduces infection risks associated with the steroids. Other ophthalmic ointments containing steroids are hydrocortisone-Chloromycetin; Ef-cortelan with neomycin; Hydromycin and Neo-Cortef (hydrocortisone with neomycin, and Predsol-N (prednisolone phosphate with neomycin).

FENTAZIN.—*Chemistry:* Perphenazine, or 1-(2-hydroxyethyl)-4-[3-(2-chloro-10 - phenothiazinyl)-propyl] piperazine, a phenothiazine derivative with a significantly higher therapeutic index than earlier compounds. That property is reflected in its lower dose. The range of activity is not reduced by structural changes, and in consequence the drug has a wide potential application. Prochlorperzine (Stemetil), also a piperazine derivative, though resembling chlorpromazine in its pharmacological actions, shows considerable quantitative differences, and is more valuable as an anti-emetic. Other phenothiazine derivatives are exemplified by acetylpromazine (Notensil), promazine (Sparine), pecazine (Pacatal) and thiopropazate (Dartelan).

DIABINASE. — *Chemistry*: 1-(p-chlorbenzenesulphonyl)-3-propylurea, or chlorpropamide. This substance is an orally active hypoglycaemic compound, effective in a restricted group of diabetics. It differs from tolbutamide in having a terminal propyl group instead of a butyl group, and in a chlorine substituent replacing a methyl group on the nucleus. These changes in structure are reflected in increased potency, which may be up to six times as great as that of tolbutamide. Diabinase, unlike tolbutamide, is not inactivated in the body, but is slowly excreted unchanged in the urine. This slow absorption enables adequate blood levels to be achieved and maintained by single daily doses of 200-500 mg. Rastinon is a brand of tolbutamide, and carbutamide, or BZ 55, refers to the earliest, but more toxic member of this small group of hypoglycaemic drugs.

DECADRON.—*Chemistry*: Methyl-fluoro-prednisolone. The addition of a methyl group to the steroid structure produces a marked increase in potency as reflected in the lower dose of methylhydrocortisone (Medrone). Similar effects are produced by fluorination, as in triamcinolone (fluoro-hydroxy-prednisolone). When both these means of increasing activity are employed, a highly potent compound is produced in Decadron, or dexamethasone. This is 7-10 times more active than prednisone, and has fewer side-effects. Dexacortisyl is another brand of dexamethasone.

STELAZINE. — *Chemistry*: 2-Trifluoromethyl-10-(3′-1″-methyl-piperazinyl-4″-propyl) phenothiazine dihydrochloride or trifluoperazine. The compound differs from chlorpromazine by replacement of chlorine with a trifluoromethyl group, and a methylpiperazinyl group replaces the dimethylamino group. Those structural changes are associated with increased potency, which it is stated to be twelve times greater, in tranquillising effect than chlorpromazine. Trifluoperazine is less active in potentiating barbiturate action, and its main application is the treatment of delusional conditions. Allied compounds include prochlorperzine (Stemetil), perphenazine (Fentazin) and triflupromazine (Vespral).

METANIUM. — *Constituents*: Titanium dioxide, peroxide, salicylate and tannate. The product—an ointment—has a silicone-paraffin base. Titanium dioxide has the mild astringent and protective properties of zinc oxide, and those are reinforced by the antiseptic action of the other constituents. The ointment base has additional protective value by virtue of its silicone content. Other products containing titanium dioxide are Siccolam, which also contains chlorphenesin in a fat-free base, and pasta titanium Biocetab. The latter contains zinc oxide, kaolin, and cetrimide incorporated in a bland base.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," January 1

For all goods (1)

EXAQ, B780,496, by The British Drug Houses, Ltd., London, N.1.

For sensitised transparent films of plastics or paper, in sheet form, prepared for use in graphic-reproduction processes (1)

CRONAFLEX, 780,988, by E. I. du Pont de Nemours & Co., Wilmington, Delaware, U.S.A.

For all goods but not including soap or any goods of the same description (3)

QUARZAN, 776,490, by Roche Products, Ltd., Welwyn Garden City, Herts.

For perfume to be used in perfume-burning apparatus (3)

DEDO, DEDORAL, DEDORIL, 779,156–58, by Antoine François Regis Peyron, Paris, France.

For face cream, being a non-medicated toilet preparation (3)

MAMIMOUSSE, 779,163, by Antoine François Regis Peyron, Paris, France.

For perfumes (3)

AKU-AKU, 779,501, by Ruff & Co., Ltd., London, S.W.8.

For preparations and substances for laundry use (3)

SOFTEEN, 781,451, by Aspro-Nicholas, Ltd., Slough, Bucks.

For non-medicated toilet preparations, cosmetic preparations, brilliantine, perfumes, soaps, face powders (non-medicated), lipsticks, hair-lotions, shampoos, dentifrices, nail lacquers, essential oils for use as bases in perfumes and in the manufacture of toilet and cosmetic preparations, and toilet articles (not included in other classes) (3)

COTY INSTANT GLOW, 781,671, by Coty (England), Ltd., London, W.1.

For detergents (not for use in industrial or manufacturing processes) and cleaning preparations, all for dairy use (3)

ETISAN, 781,918, by Gascoigne-Crowther, Ltd., Caversham, Reading, Berks.

For pharmaceutical preparations and substances (5)

PERNOFER, 779,533, by A.B. Astra, Apothekarnes Kemiska Fabriker, Sodertalje, Sweden.

SILTEN, B781,266, by Silten, Ltd., Hatfield, Herts.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Monday, January 19

ENFIELD CHEMISTS' ASSOCIATION, Enfield Arms, at 7.30 p.m. Dr. T. D. Whittet on "Pharmacy Through the Ages."

LEICESTER AND LEICESTERSHIRE BRANCH, NATIONAL PHARMACEUTICAL UNION, Grand hotel, Leicester, at 7.30 p.m. Mr. W. Talvan Rees (chairman, N.P.U. marketing policy committee) on "N.P.U. Marketing Policy."

LONDON SECTION, ROYAL INSTITUTE OF CHEMISTRY, Enfield Technical College, Queensway, Ponders End, at 7.30 p.m. Dr. A. S. Cunny on "The Chemistry of Poisoning."

WEST MIDDLESEX CHEMISTS' ASSOCIATION and BRANCH, lecture hall, Ealing town hall, New Broadway, London, W.5, at 8 p.m. Mr. J. Griffiths on "Main Drainage and Sewage Purification in West Middlesex."

Tuesday, January 20

BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIATION and BRANCH, Central hotel, at 8 p.m. Talk by Mr. C. C. Stevens (Imperial Chemical Industries, Ltd.).

FINCHLEY BRANCH, PHARMACEUTICAL SOCIETY, Bull and Butcher, Whetstone, London, N.21, at 8 p.m. Dr. C. A. Birch on "Medicine Behind the Iron Curtain."

HARROW BRANCH, PHARMACEUTICAL SOCIETY, oak hall, Baptist Church, College Road, at 8 p.m. Mr. B. J. Thomas (Allen & Hanburys, Ltd.) on "Aspects of Practical Pharmacy."

HERTFORD BRANCH, PHARMACEUTICAL SOCIETY, Hertford Secondary School, Mangrove, at 8 p.m. Motions for Branch Representatives' Meeting.

LONDON UNIVERSITY, London Hospital Medical College, Turner Street, London, E.1, at 5.30 p.m. Professor P. Dell, Paris, on "Aspects of the Physiology and Pharmacology of the Brain Stem Reticular Formation."

NORTH STAFFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, North Stafford hotel, Stoke-on-Trent, at 7.30 p.m. J. Bunch, Esq., L.D.S., on "Hypnosis."

Wednesday, January 21

HARROGATE BRANCH, PHARMACEUTICAL SOCIETY, Taylor, Taylor & Hobson, Ltd. (a division of Rank Precision Industries, Ltd.) Harehills Lane, Leeds, 8, at 6.15 p.m. Visit.

LONDON SECTIONS, SOCIETY OF CHEMICAL INDUSTRY and ROYAL INSTITUTE OF CHEMISTRY, large chemistry theatre, University College, Gower Street, London, W.C.1, at 7.30 p.m. Sir Eric Rideal on "The Impact of Colloid Science on Technology."

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Masonic hall, Shenfield, Annual dinner and dance.

SCIENTIFIC FILM ASSOCIATION, mezzanine cinema, Shell-Mex house, Strand, London, W.C.2, at 6.30 p.m. Sir George Allen (secretary, British Association) on "Films in the Service of Science."

Thursday, January 22

BRISTOL BRANCH, PHARMACEUTICAL SOCIETY, College of Technology, Ashley Down, Bristol, at 7.15 p.m. Quiz on non-pharmaceutical subjects.

LONDON BRANCH, GUILD OF PUBLIC PHARMACISTS, Wellcome Building, 183 Euston Road, London, N.W.1, at 7 p.m. Report of research and planning committee; Dr. D. Train, on "A Heretic's Approach to Pharmaceutical Procedures."

LONDON UNIVERSITY, King's College, Strand, London, W.C.2, at 5.30 p.m. Dr. B. W. Halpern, Paris, on "The Functions and Rôle of the Reticulo-Endothelial System in Immunological Processes."

MANCHESTER PHARMACEUTICAL ASSOCIATION and BRANCH, Engineers' Club, Albert Square, Manchester, at 7.45 p.m. Talk by Mr. W. Haigh (clerk of the Joint Pricing Committee for England).

PORTSMOUTH BRANCH, PHARMACEUTICAL SOCIETY, minor hall, City Council Chambers, Southsea, at 7.30 p.m. Dr. D. D. MacDonald on "Current Therapy of Rheumatoid Arthritis."

WEST HERTFORDSHIRE BRANCH, Adeyfield Hall, Hemel Hempstead, at 7.45 p.m. Mr. J. R. Turbull on "Technical Sound Films."

Friday, January 23

HULL CHEMISTS' ASSOCIATION and BRANCH, Imperial hotel, at 8 p.m. Dr. L. N. Gould (medical officer of health, Haltemprice), on "Tobacco and Lung Cancer."

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION and BRANCH, Lambeth town hall, Brixton Hill, London, S.W.2, at 8 p.m. Talk by Mr. R. D. Smart.

WOKING BRANCH, PHARMACEUTICAL SOCIETY, Red House hotel, Chobham Road, at 8 p.m. Dr. A. L. Glenn (School of Pharmacy, University of London) on "The Cinderella of Chemistry."

Advance Information

INDUSTRIAL WELFARE SOCIETY, hotel Rembrandt, Thurloe Place, London, S.W.7, on Wednesday, February 4. One-day conference for retail executives on "The Challenge to the Retail Trade."

NORTH LONDON PHARMACEUTICAL ASSOCIATION AND NORTH METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, Café Royal, Regent Street, London, W.1, at 6.15 p.m., on February 5. Annual dinner, dance and cabaret. Ticket (price 37s. 6d.) available from W. J. F. Laxton, Esq., 605 High Road, Tottenham, N.17.

COMMERCIAL TELEVISION

PROGRAMME details are given to enable chemists to put in linking-up displays if they wish. Notice given is as far in advance of the programme date as can be guaranteed by the broadcasting companies. Where known, the number of appearances of the product during the week is shown in parentheses.

January 25-31

LONDON

Alka-Seltzer (2). Anadin (3). Angier's junior aspirin (2). Beecham's powders (3), pills (4). Bisodol (3). Bristow's lanoline shampoo (3). Camay soap (2). Christy's liquid lanoline (3). Dascote tablets. Delsey toilet tissue (3). Diuromil. Eno's Fruit Salt.

Famel syrup (2). Fynnon salt. Germolene. Gillette razors and blades (2). Handy Andies (3). Horlicks (3). Kleenex (2). Lantigen B. Lectric shave. Lemskin hand cream (3). Loxene medicated shampoo (2). Lucozade (4).

Mac throat sweets. Maclean's tooth-paste (2). Medic-Aire (3). Milk of Magnesia tablets (2). Moorland indigestion tablets (2). Nemakol (2). Owbridge's lung syrup. Pacquins (2). Penetrol inhalant. Phillips' tooth-paste. Phosferine (3). Potter's catarrh pastilles (2). Punch & Judy tooth-paste. Digestif Rennies (2). Ribena (4).

Savlon antiseptic lozenges (2), barrier cream. Scotties (3). Silvikrin hair cream (2), liquid shampoo. Suregrip house gloves (3). Thru. Veno's cough mixture (2). Vosene medicated shampoo (3). Vykmin. Water lilies shampoo (3). Yeast-Vite. Zubes, cough mixture (2).

MIDLANDS

Alka-Seltzer. Anadin (3). Angier's junior aspirin (3). Antussin (4). Beecham's powders (3), pills (2). Bristow's lanoline shampoo (4). California syrup of figs (2). Camay soap (2). Dascote tablets. Diuromil.

Famel syrup (2). Fynnon salt. Gillette razors and blades (2). Handy Andies (2). Horlicks (3). Kleenex (2). Lantigen B. Lectric shave. Lemskin hand cream (3). Loxene medicated shampoo (2). Lucozade (4).

Mac throat sweets (2). Maclean's tooth-paste (2). Milk of Magnesia (2). Mil-Par (2). Moorland indigestion tablets. Nemakol. Owbridge's lung syrup. Pacquins (2). Penetrol inhalant. Phosferine (3). Potter's catarrh pastilles (2). Digestif Rennies (3). Ribena (4).

Savlon antiseptic lozenges (7), barrier cream. Scotties (2). Scotts emulsion (2). Shavex (2). Silvikrin hair cream (2), liquid shampoo (2). Silk 'N Satin (2). Suregrip house gloves (3). Thru. Veno's cough mixture (2). Vosene medicated shampoo (2). Vykmin. Yeast-Vite. Zubes (2).

NORTH

Alka-Seltzer (3). Anadin (6). Beecham's powders (6), pills (6). Bristow's lanoline shampoo (8). Camay soap (6). Dascote tablets. Diuromil.

Famel syrup (4). Fennings' little healers (3). Fynnon salt. Gillette razors and blades (4). Handy Andies (4). Horlicks (6). Iron Jelloids (3). Kleenex (5). Lantigen B. Lemskin hand cream (3). Loxene medicated shampoo (4). Lucozade (8).

Mac throat sweets (3). Maclean's tooth-paste (5). Mentholatum deep heat rub (2). Milk of Magnesia (4). Moorland indigestion tablets (2). Nemakol (2). Owbridge's lung syrup (3). Pacquins (2). Penetrol inhalant (2). Phosferine (4). Potter's catarrh pastilles (2). Digestif Rennies (3). Ribena (4).

Savlon antiseptic lozenges (16), barrier cream (2). Scotties (5). Scotts emulsion. Sea Pearls (4). Setlers. Shavex (2). Silvikrin hair cream (2), pure, liquid shampoo (4). Squezy (12). Suregrip house gloves (3). Veno's cough mixture (5). Vosene medicated shampoo (8). Vykmin. Yeast-Vite. Zubes (2), cough mixture.

SCOTLAND

Anadin (3). Askit (12). Beecham's powders (3), pills (3). Bristow's lanoline shampoo (3). Camay soap (7). Dascote tablets. De Witt's throat lozenges. Diuromil (2).

Famel syrup (2). Fynnon salt. Gillette razors and blades (2). Handy Andies (2). Horlicks (2). Kleenex (2). Lemskin hand cream (3). Loxene medicated shampoo (2). Lucozade (2).

Mac throat sweets. Maclean's tooth-paste (3). Milk of Magnesia tablets (2). Nemakol (2). Owbridge's lung syrup. Pacquins (2). Penetrol inhalant Phillips' tooth-paste (2). Phosferine (2). Potter's catarrh pastilles. Digestif Rennies (3). Ribena (4).

Savlon antiseptic lozenges (4), barrier cream. Scotties (3). Silvikrin pure. Squezy (3). Suregrip house gloves (3). Veno's cough mixture (2). Vosene medicated shampoo (5). Vykmin. Yeast-Vite. Zubes, cough mixture.

WALES

Alka-Seltzer. Anadin (3). Beecham's powders (4). Bristow's lanoline shampoo (3). Camay soap (2). Diuromil.

Famel syrup (2). Fynnon salt (2). Gillette razors and blades (2). Handy Andies. Horlicks (3). Iron Jelloids (3). Kleenex (2). Loxene medicated shampoo (2). Lucozade (4).

Mac throat sweets. Maclean's tooth-paste (3). Milk of Magnesia (2). Moorland indigestion tablets. Nemakol (2). Owbridge's lung syrup. Pacquins (2). Phyllosan (3). Potter's catarrh pastilles. Punch and Judy tooth-paste. Digestif Rennies (3). Ribena (4).

Savlon antiseptic lozenges (4), barrier cream. Scotties (2). Silvikrin pure, liquid shampoo. Suregrip house gloves (3). Veno's cough mixture (2). Vosene medicated shampoo (3). Vykmin. Yeast-Vite.

SOUTH

Bisodol (3). Bristow's lanoline shampoo (5). Camay soap (2).

Famel syrup (2). Fennings' little healers. Gillette razors and blades (2). Handy Andies (2). Horlicks (2). Iron Jelloids (3). Kleenex (2). Lantigen B. Loxene medicated shampoo (2). Lucozade (4).

Milk of Magnesia (2). Moorland indigestion tablets. Nemakol. Owbridge's lung syrup. Potter's catarrh pastilles. Ribena (3).

Savlon antiseptic lozenges (5), barrier cream. Scotties (2). Silvikrin pure. Suregrip house gloves (3). Vosene medicated shampoo (4). Zubes, cough mixture.

C. & D. WEEKLY LIST OF PRICES

A = Advanced; R = Reduced; I.R.P. = Inclusive Retail Price; *=Tax 30 per cent.; ‡ = Tax 60 per cent.

COUNTY LABORATORIES, LTD. (from February 2)

		Doz.	I.R.P.	
Vosene*	sachet	4 2	7	
	small bottle	16 1	2 3	
	large bottle	32 2	4 6	
Amami wave set‡				
	small bottle	10 1	1 8	
	large bottle	18 2	3 0	

KODAK, LTD.

Kodak Brownie 127 camera gift outfit*	35 6	*A*
Verichrome pan roll film*	127	2 10	*A*
	828	2 6	*A*
Panatomic-X roll film*	127	2 10	*A*
Tri-X roll film*	127	3 1	*A*
	828	2 10	*A*
thermometers:—	C.60	10 0	*A*
	C.60	10 0	*A*
	F.140	10 0	*A*
dish model F/C	18 6	*A*

SAVORY & MOORE, LTD. (from February 1)

E.S.T.P. dusting powder*	22 3	3 0	*A*

SMITH & NEPHEW PHARMACEUTICALS, LTD. (from February 16)

Paramisan sodium Pashets 1·5 gm.	100	111 0	13 9	*R*
	300	323 0	40 3	*R*
	500	525 0	65 6	*R*
powder	100 gm.	58 0	7 3	*R*
	250 gm.	131 0	16 3	*R*
	500 gm.	230 0	28 9	*R*
	1,000 gm.	399 0	49 9	*R*
tablets 0·5 gm.	100	47 0	5 9	*R*
	250	112 6	14 0	*R*
	500	181 0	22 6	*R*
ampoules 10 mils	6	72 0	9 0	*R*
Pycamisan PH10 cachets	100	213 0	26 6	*R*
	500	804 0	100 6	*R*
Pycamisan PH20 cachets	100	204 0	25 6	*R*
	500	780 0	97 6	*R*
Pycamisan 25 cachets	100	261 0	32 6	*R*
	500	1,059 0	132 3	*R*
Pycamisan 33 cachets	100	270 0	33 9	*R*
	500	1,095 0	136 9	*R*
Pycamisan 50 cachets	100	282 0	35 3	*R*
	500	1,143 0	142 9	*R*
Pycazide tablets 100 mgm.	100	43 6	5 5	*R*
	500	182 0	22 9	*R*

THE BRITISH DRUG HOUSES, LTD.

		Each		
Ancoloxin tablets	10	5 10	8 9	*R*
	50	23 0	34 6	*R*

VITAMINS, LTD. (from January 19)

Becovite elixir	40 fl. oz.	26 0	39 0	*R*
		Doz.		
tablets	100	48 0	6 0	*R*
		Each		
	500	16 4	24 6	*R*
	1,000	31 0	46 6	*R*
		Doz.		
Befortiss tablets	100	22 0	2 9	*R*
		Each		
	500	5 10	8 9	*R*
	1,000	10 0	15 0	*R*
Megalovel ampoules 1,000 mgm.	5	12 8	19 0	*R*
Parentrovite intravenous high potency paired ampoules	3 pr.	8 0	12 0	*R*
	12 pr.	24 4	36 6	*R*
maintenance	3 pr.	6 2	9 3	*R*
	12 pr.	18 4	27 6	*R*
intramuscular high potency paired ampoules	3 pr.	8 0	12 0	*R*
	12 pr.	24 4	36 6	*R*
maintenance	3 pr.	6 2	9 3	*R*
	24 pr.	36 6	54 9	*R*
Vitavel K tablets	1,000	17 6	26 3	*R*

JOHN WYETH & BRO., LTD. (purchase-tax exemption)

		Doz.		
Neo-Endrine	15 mils	40 0	4 6	*R*

NEW PRODUCTS AND PACKS

DISTILLERS CO. (BIOCHEMICALS), LTD.

		Each	
Mixamycin solution veterinary	30 mils	10 4	15 6

FASSETT & JOHNSON, LTD.

	Doz.	
Colbax air spray*	55 0	7 6

GENTLEMEN'S REQUISITES, LTD.

"Modern Man" toiletries:—			
after shave lotion‡	3 oz.	21 5	3 9
brilliantine‡	3 oz.	18 1	3 3
shampoo*		16 10	2 6
tonic hair dressing‡	3 oz.	15 8	2 11
	6 oz.	25 1	4 6
toilet talcum‡	6 oz.	23 9	4 3
deodorant‡	2 oz.	18 1	3 3

LEDERLE LABORATORIES DIVISION, CYANAMID OF GREAT BRITAIN, LTD.

		Each	
Varidase buccal tablets	12	21 8	

PARKE, DAVIS & CO., LTD.

Chloromycetin Vetrettes 500 mgm.	6	18 0
Viomycin sulphate powder		21 9

PFIZER, LTD.

Villescon tablets*	20	5 6	
	200	48 4	

PULLIN OPTICAL CO., LTD.

20-oz. polythene measure	4 3

ROBINSON & SONS, LTD.

	Doz.	
G.P. cotton wool	8 6	1 0

ROUSSEL LABORATORIES, LTD.

Dexa-Cortisyl tablets 0·5 mgm.	20	16 0	
	100	76 0	
	500	370 0	

YARDLEY & CO., LTD.

Clearskin‡	5 8

Sleep Sweeter
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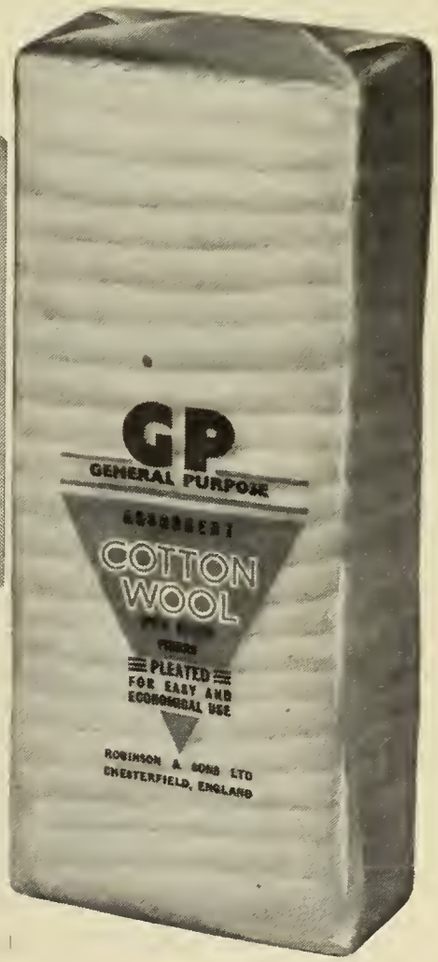


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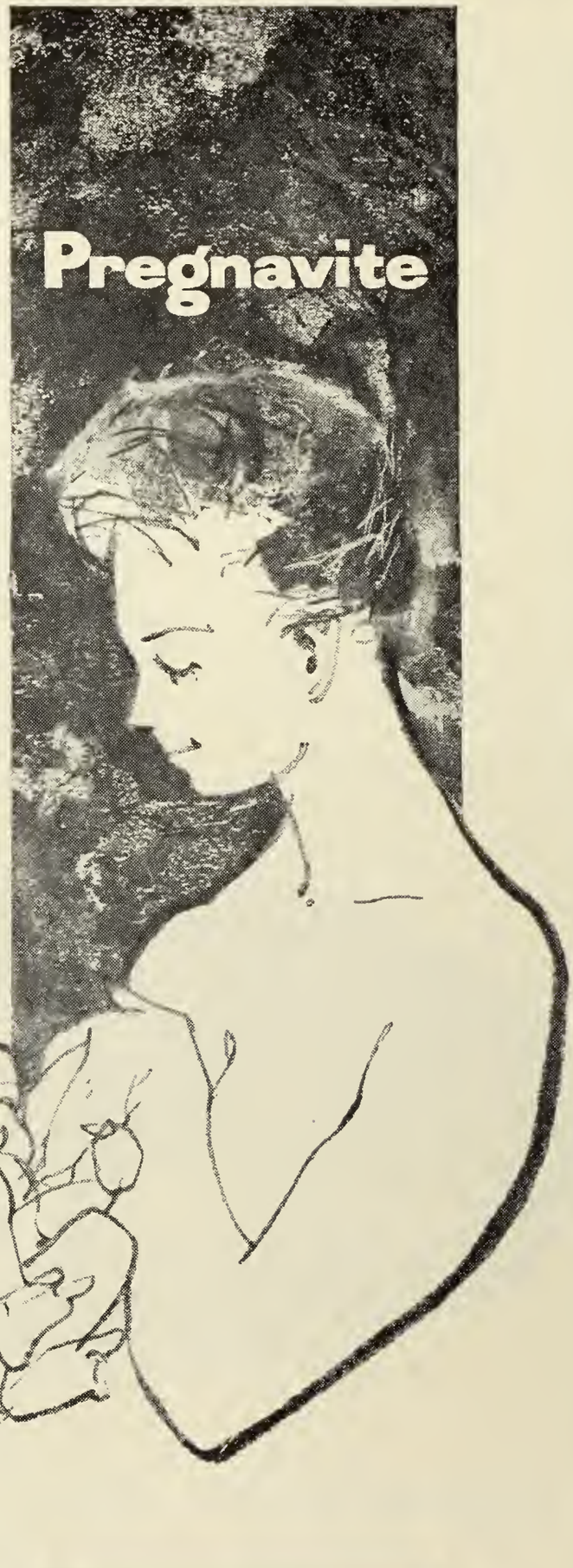
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pot. iod., B.P.	not less than 15 p.p.m.
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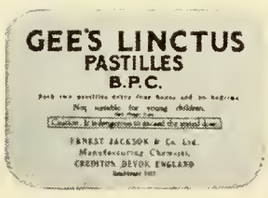
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1/6 'Centurion' Iodised Black Currant Pastilles
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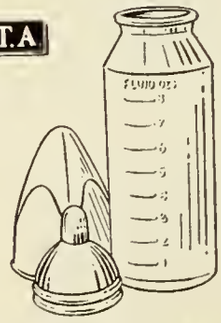


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Fat	1.4
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For the prompt reduction of Fever and relief of pain in children

'ENERIL'
Trade Mark
brand of Paracetamol Elixir

Presentation: Bottles of 4 fl. oz. and 40 fl. oz. (Dispensing Pack).

Basic N.H.S. Price:
4-oz. pack, 4/2; 40-oz. pack, 30/7
(*exempt from Purchase Tax*)

Literature on request

'ENERIL,' a new paediatric elixir, is a stable preparation suitable for the reduction of fever and pain in children. 'ENERIL' provides accurate effective dosage, in pleasantly-flavoured form readily acceptable by children. It does not produce gastric irritation. Indicated in all conditions where antipyresis and analgesia are required. There are no contra-indications to 'ENERIL.'

Each teaspoonful (4ml.) contains :
120 mg. Paracetamol (N-acetyl-p-aminophenol).

Dosage : Infants under 12 months, ½ teaspoonful (2 ml.)
Children 1-4 yrs. ½ to 1 teaspoonful (2-4 ml.)
,, 4-8 yrs. 1 to 2 teaspoonfuls (4-8 ml.)
,, 8-12 yrs. 2 teaspoonfuls (8 ml.)

To be given every 4-6 hours or as directed by the physician.

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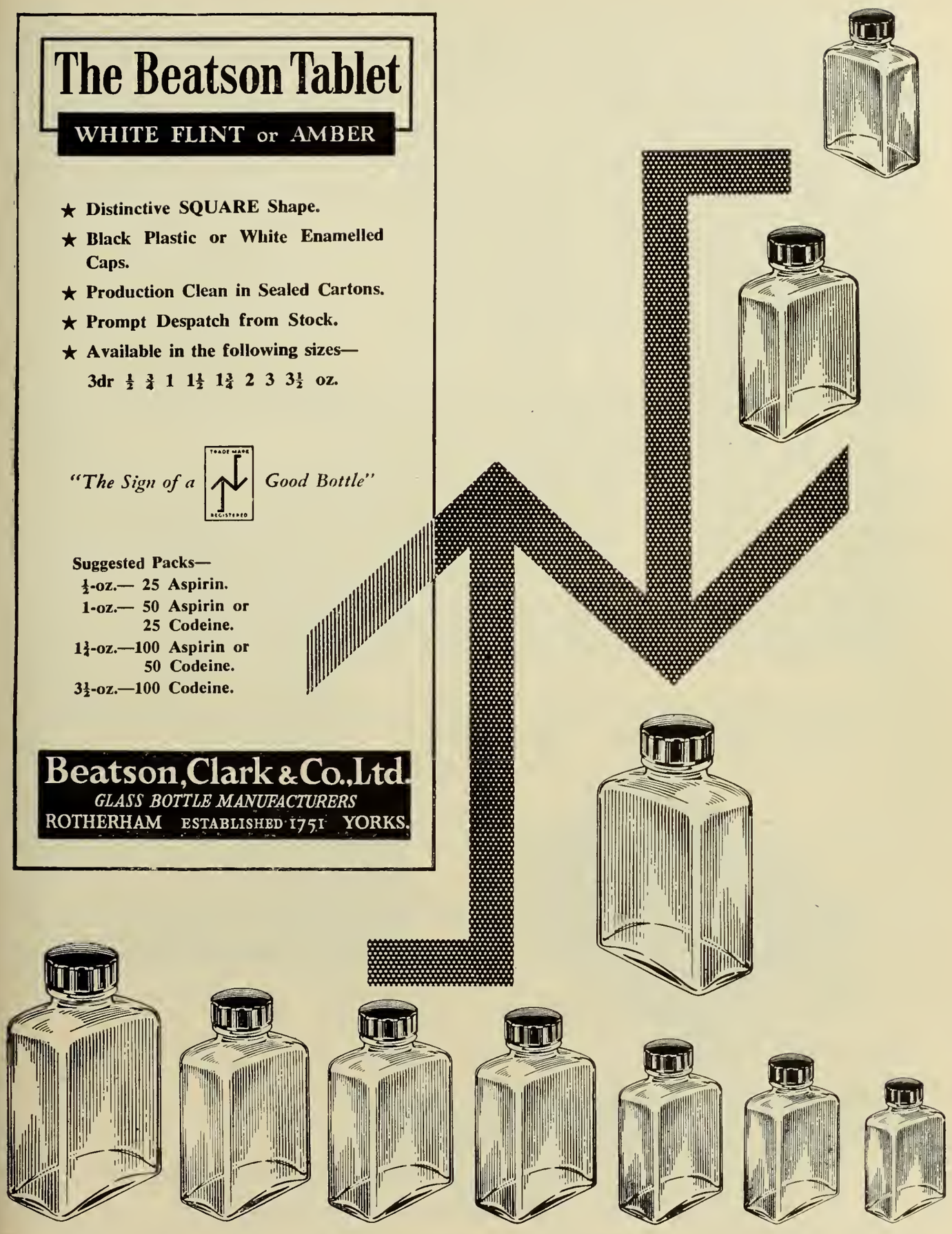
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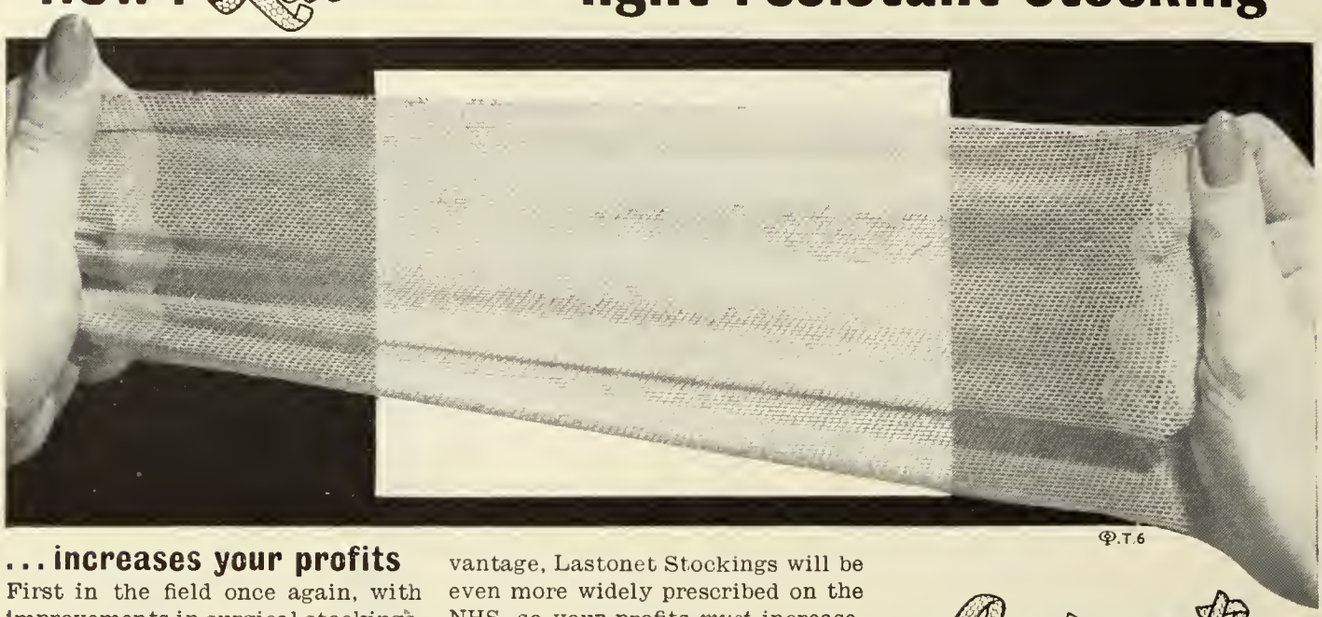


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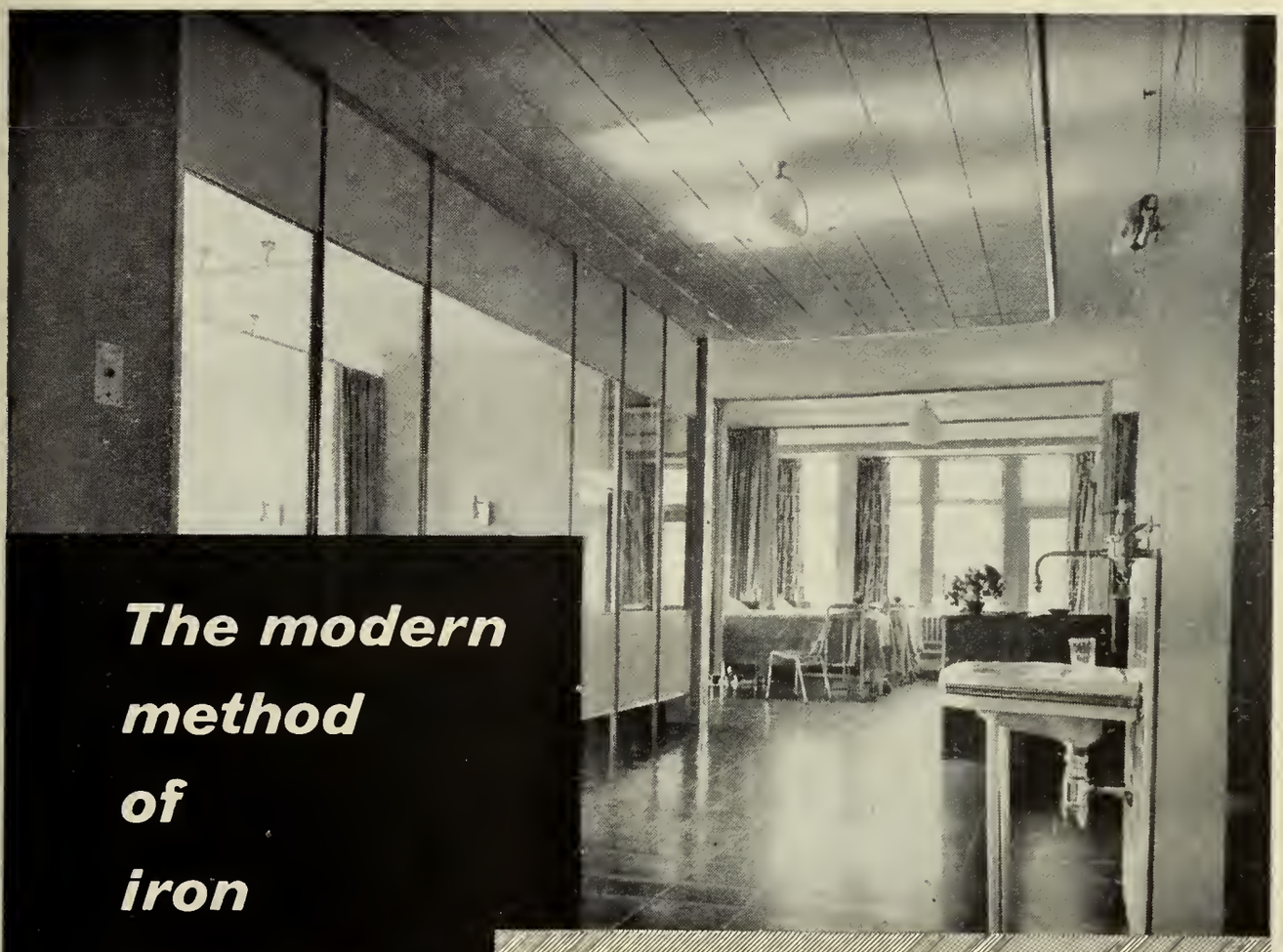
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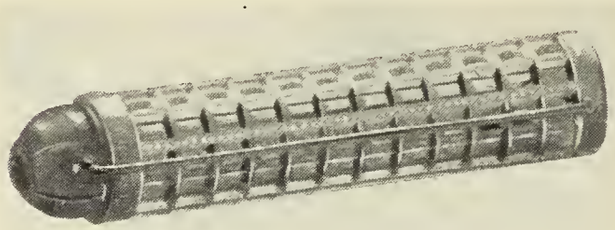
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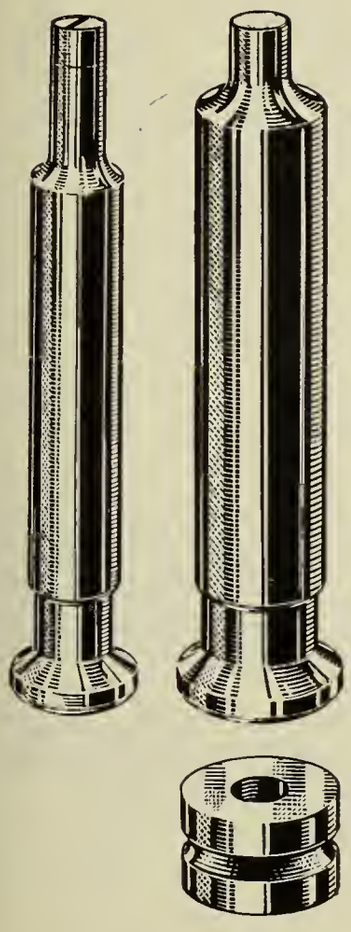
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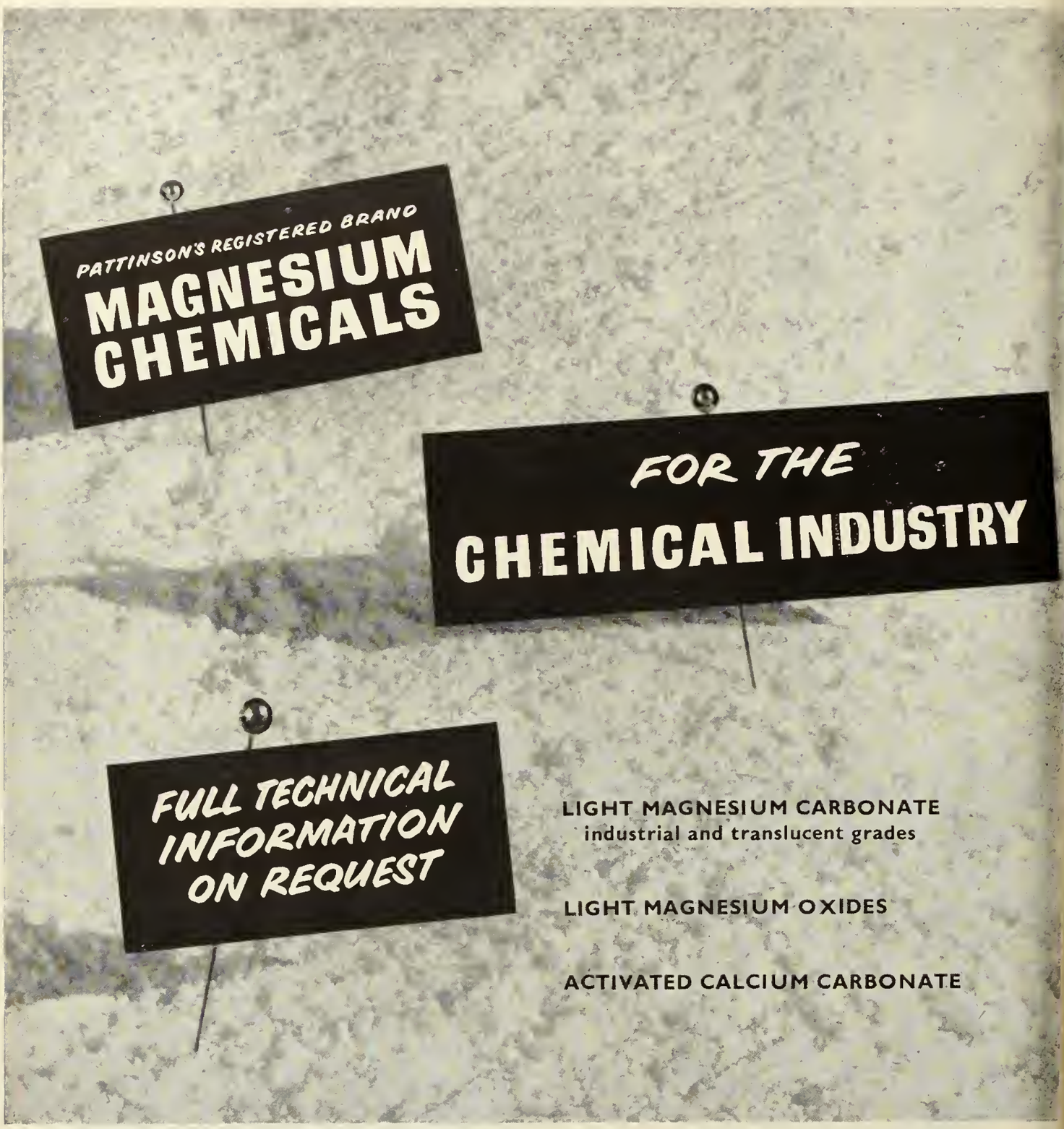
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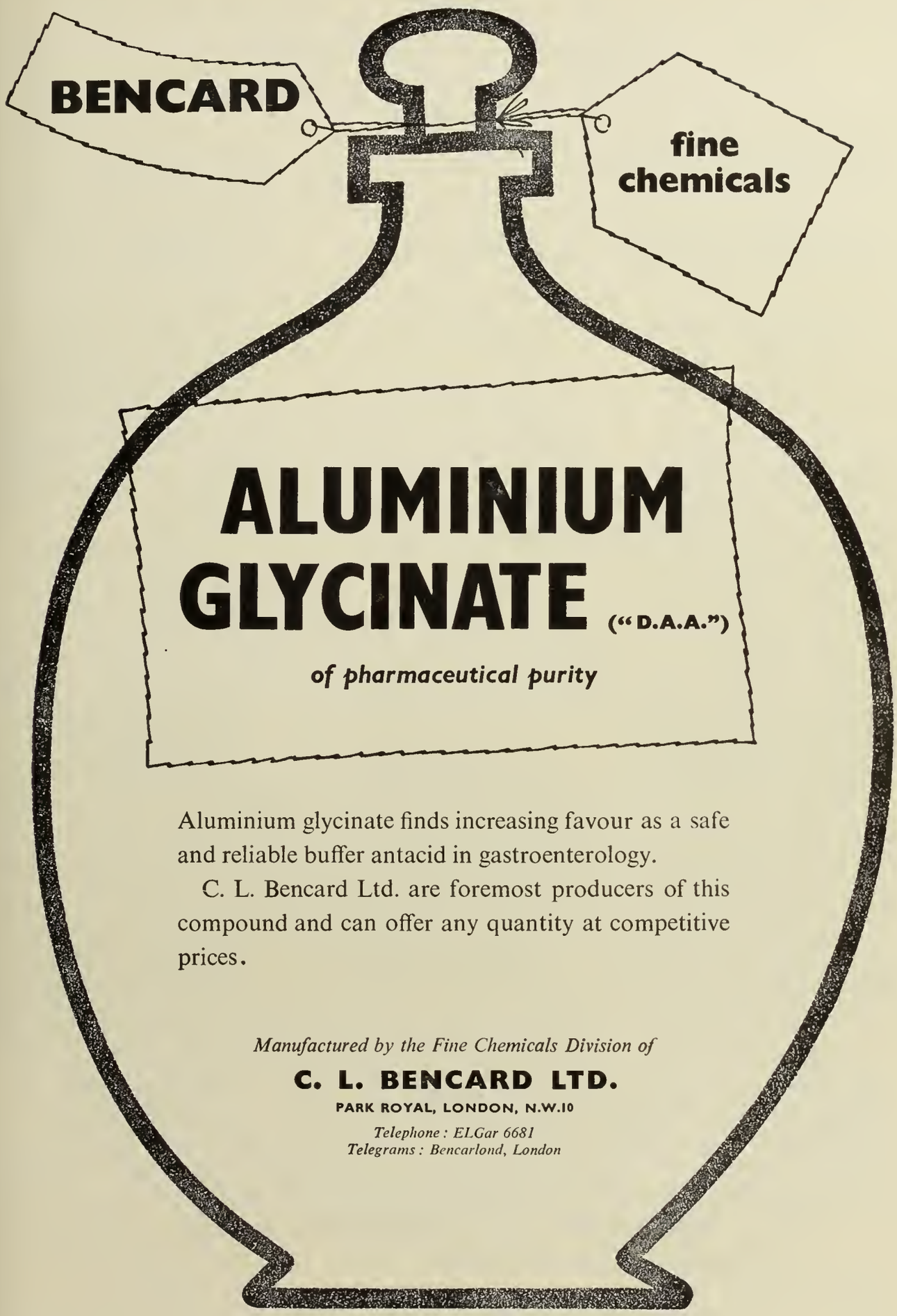


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CANTERBURY GROUP HOSPITAL MANAGEMENT COMMITTEE

Deputy Chief Pharmacist

Applications are invited for the appointment of Deputy Chief Pharmacist to the Group Pharmaceutical Department (Category 1V Hospitals). The department which is situated at the Kent and Canterbury Hospital, serves the twelve hospitals, and clinics in the area. Salary within the range £700 and £945 per annum. Applications with full details and names of two referees to be sent as soon as possible to the Group Secretary, Central Office, Nunnery Fields Hospital, Canterbury. C 8799

DURHAM HOSPITAL MANAGEMENT COMMITTEE

Pharmacist (Basic Grade)

There is a vacancy for the above post in the Pharmacy Department of the Durham Group of Hospitals:—

Pharmacist (Basic Grade)—£580 a year by annual increments to £785 a year.

The Pharmacy Department is organised on a group basis and is based on Dryburn Hospital, Durham. This is a modern, well-equipped department which offers good experience in the full range of hospital pharmacy.

Post-graduate students will be considered for this vacancy.

Apply with particulars of previous experience, age, qualifications and names of two referees to the Group Secretary, Dryburn Hospital, Durham. C 8795

BROOKWOOD HOSPITAL, KNAPHILL, WOKING

Assistant-in-Dispensing

Applications are invited for the above post The successful candidate will be required to work under the supervision of the Chief Pharmacist, who is responsible for the preparation and issue of drugs and dressings for about 1,750 patients.

Salary scale £170 p.a. at age 16 years rising to £375 at age 22 years or over rising to a maximum of £490 p.a. (plus £20 p.a. for an approved qualification).

Professional and Technical Council B of Whitley Council conditions apply to the appointment which is subject to the provision of the National Health Service Superannuation Regulations.

The successful candidate will be required to pass a medical examination.

Accommodation available for female candidate for which a charge of £2 8s. per week will be made.

Applications giving particulars of age, experience and qualifications, together with names of two referees to the Physician Superintendent, as soon as possible. C 417

BURY AND ROSSENDALE HOSPITAL MANAGEMENT COMMITTEE, BURY GENERAL HOSPITAL

Chief Pharmacist

Applications are invited for the post of Chief Pharmacist at the above Hospital. The post is graded as Category III, the salary for which is £815 rising by annual increments to a maximum of £1,115. The conditions of service are in accordance with those laid down by the appropriate Health Services Whitley Council. Apply, stating full details of experience, etc., and names of two referees, to H. Wilkinson, Group Secretary, by not later than January 24, 1959. C 8812

CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE

Senior Pharmacist and Pharmacist

for Bethnal Green Hospital. Modern department approved for training students. Salary scale, Senior Pharmacist £675—£865 p.a. Pharmacist £605—£815 p.a., plus higher qualification allowance and London Weighting. Please apply with details of age, training and experience to the GROUP SECRETARY, 213 Kingsland Road, London, E.2. C 344

KING EDWARD VII HOSPITAL, WINDSOR

(Category III Hospital)

Pharmacist

required immediately. Whitley salary. Applications with details of service and names of three referees to Secretary. C 8763

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C 8775

Appointments—Continued

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Senior Pharmacists and Pharmacists

Vacancies will occur shortly for the above posts, either full-time or part-time. The hospital is a large modern one of 715 beds with a busy Out-patient Department, situated within easy travelling distance of the centre of London. Whitley Council salary scales and conditions of service.

Apply in writing, stating age, qualifications and experience and the names and addresses of two referees, to the Group Secretary, Hendon Group Hospital Management Committee, Edgware General Hospital, Edgware, Middlesex. C 8769

GRIMSBY HOSPITAL MANAGEMENT COMMITTEE, SPRINGFIELD HOSPITAL, SCARTHO, GRIMSBY

Dispenser

Applications are invited for the post of Dispenser at the above Hospital. Whitley scales for a 39-hour week are, qualified, single handed, at age 22 or over £415 to £530 per annum.

Applications giving details of age, qualifications and experience to the Hospital Secretary. C 8777

HAREFIELD HOSPITAL, HAREFIELD, MIDDLESEX

Assistant-in-Dispensing

required. London Weighting payable and additional £20 p.a. if holding approved qualification. Applications, giving age, qualifications and experience, together with two testimonials to Medical Director. C 8796

H.M. PRISON SERVICE

Two Chief Pharmacist Vacancies

(open to men and women registered pharmacists aged 25 or over).

Category I post at H.M. Prison Pentonville, London, N.7. Salary scale £700—£945 plus London allowance of £30—£40.

Category II post at H.M. Prison Birmingham. Salary scale £755—£1,030.

Additional allowance of £25 for higher qualifications (both appointments).

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Apply, Establishment Officer, Prison Commission, Horseferry House, R.237, Dean Ryle Street, London, S.W.1. Closing date January 31, 1959. C 8805

HORTON HOSPITAL, EPSOM, SURREY

Dispensing Assistant

required. Post vacant April 1, 1959. Salary, age 22 and over £375 rising by annual increments to maximum of £490 plus London Weighting £20—£30 according to age. Whitley Council conditions of service. Additional £20 per annum payable to holder of approved qualification.

Application forms obtainable from the Physician Superintendent, Horton Hospital, Epsom, Surrey. C 8806

LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1

Locum Pharmacist

required at the above hospital from January 26, 1959, for an indefinite period. Salary £16 16s. per week. Applications to the Chief Pharmacist (Tel.: STEpney Green 4251). C 8765

MOORFIELDS EYE HOSPITAL, CITY ROAD, LONDON, E.C.1

Deputy Chief Pharmacist (Category V)

Applications are invited for the post of Deputy Chief Pharmacist (Category V) to the Hospital. Salary scale £755-£1,030 plus London Weighting and £25 higher qualification allowance.

Applications stating age, education, qualifications and previous experience, together with the names of two referees should reach the undersigned by January 30, 1959. J. P. Heming, House Governor. C 8793

NOTTINGHAM No. 2 HOSPITAL MANAGEMENT COMMITTEE, NOTTINGHAM CITY HOSPITAL

(811 beds)

Deputy Chief Pharmacist (Category V)

Required at the above hospital. Applications are invited for the above post, which will become vacant early in 1959.

The City Hospital is a Group hospital and caters for the pharmaceutical requirements of a number of subsidiary hospitals in the area.

Applicants should have a wide experience in hospital pharmacy, and be capable of controlling staff. A knowledge of surgical instruments is desirable. The successful applicant will work under the Group Chief Pharmacist and will be required to assume complete control in his absence.

Further particulars regarding the post can be obtained on application to the Group Chief Pharmacist. Whitley conditions of salary.

Applications, stating age, qualifications and full particulars of previous experience, together with the names of two referees, should be sent to the Group Secretary, The Sherwood Hospital, Nottingham, as soon as possible. C 8736

SELLY OAK HOSPITAL, BIRMINGHAM, 29

Deputy Chief Pharmacist and Pharmacist

required as soon as possible. Duties of Deputy include supervision of Department and sterile production. Salary scales: Deputy Chief Pharmacist: £725-£990; Pharmacist £580-£785. (Both subject to recent increase.) State particulars, naming two referees, in application to Administrator. C 8791

SHREWSBURY HOSPITAL GROUP, ROYAL SALOP INFIRMARY

Deputy Chief Pharmacist (Category V)
Male or Female

Vacant February 7. Basic salary £725 rising to £999 per annum.

Applications to undersigned from whom further particulars may be obtained.

J. P. MALLETT,
Group Secretary.
C 8790

NORTH STAFFORDSHIRE ROYAL INFIRMARY, STOKE-ON-TRENT

Pharmacist

required. Salary within Whitley Scale, i.e., £580 — £785 p.a.

Applications to Hospital Secretary as soon as possible. C 8762

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(Category V — 733 beds)

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required for general dispensing duties in busy department. Experience of sterilising techniques an advantage. Canteen facilities available. London Weighting payable.

Applications, with names of two referees, to the Secretary. C 8778

STEPNEY GROUP HOSPITAL MANAGEMENT COMMITTEE, LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1

Pharmacist

required at the above hospital from January 26, 1959. Whitley Council salary scale and conditions of service. Applications stating age, experience and the names of two referees, to be sent to the Group Secretary, Mile End Hospital, Bancroft Road, E.1. C 8764

WEST MIDDLESEX HOSPITAL, ISLEWORTH, MIDDLESEX

Pharmacist

for Main Pharmaceutical Department. Salary £580—£785 per annum, plus London Weighting. Whitley conditions and assimilation point in salary scale according to experience.

Apply giving age, qualifications and experience, with names of referees to the Chief Pharmacist C 432

UNIVERSITY COLLEGE HOSPITAL, GOWER STREET, W.C.1

Assistant-in-Dispensing

required from 1.2.59. Applicants should possess the Certificate of the Society of Apothecaries of London.

Written applications, with names of two referees, to T. F. W. Mackeown, Administrator and Secretary. C 8808

ST. MATTHEW'S HOSPITAL, BURNTWOOD, LICHFIELD, STAFFS

(1,330 Psychiatric Beds)

Chief Pharmacist (Category II)

Applications are invited from suitably qualified persons for the above post. Salary £755-£1,030 per annum, according to previous experience and service.

Applications, giving full particulars and names of two referees, should be sent to the Group Secretary, The General Hospital, Burton-on-Trent, as soon as possible. C 8815

STEPNEY GROUP HOSPITAL MANAGEMENT COMMITTEE, MILE END HOSPITAL, BANCROFT ROAD, LONDON, E.1

Post-graduate Student Pharmacist

required at the above hospital to commence duties on January 26, 1959. Salary and conditions of service in accordance with Whitley Council. Applications with names of two referees, to be sent to the Chief Pharmacist. C 8749

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REPRESENTATIVES

AS a result of continuing expansion, applications are invited for the following areas where vacancies will shortly become available:

North-west England based on Carlisle
South Lancashire
North Wales
West Riding based on Sheffield
Somerset and Dorset
North London

The successful applicants, who should be between the ages of 25 and 40, must be prepared to reside in the territory. Remuneration in the first year will be by fixed salary. Expenses will be paid, and a Company motorcar provided.

Write giving full details of education and career to Home Sales Manager, 33 Old Bond Street, London, W.1.

TELEPHONE ENQUIRIES & PERSONAL CALLS WILL NOT BE ACCEPTED

C 8754

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If you are young, keen and a PHARMACIST, you may be the man required by WINTHROP PRODUCTS LTD (associated export Company of BAYER PRODUCTS LTD.) to act as assistant to European Liaison Manager.

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HELPFUL: Knowledge of French and/or German and of export procedure.

Apply quoting ref. AP101 and giving full details of career to Personnel Officer, Winthrop Products Ltd., Neville House, Eden Street, Kingston-on-Thames.

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Appointments—Continued

ST. OLAVE'S HOSPITAL, LOWER ROAD, ROTHERHITHE, S.E.16

Senior Pharmacist

Applications are invited for this appointment at the above Hospital. Salary £650/£830 per annum plus London Weighting. Applications for this position stating age, qualifications and experience and giving the names of two referees to the Hospital Secretary. C 8794

WEST MIDDLESEX HOSPITAL, ISLEWORTH, MIDDLESEX

Assistant-in-Dispensing

required in Pharmaceutical Department for varied duties. Salary £395 per annum at age 22, rising to £520 (additional payment of £20 per annum for suitable qualification).
Apply, giving names of two referees, to the Chief Pharmacist. C 431

APPOINTMENTS OVERSEAS

ST. THOMAS-ELGIN GENERAL HOSPITAL, ONTARIO, CANADA

Male or Female Pharmacist

required for dispensary of General Hospital, 285 beds, 61 bassinettes. Commencing salary £109 per month. Work as assistant Pharmacist. Apply, Mrs. E. Esson, Canadian Department of Labour, 61 Green Street, London, W.1. C 8782

SITUATIONS VACANT

RETAIL HOME

CITY, E.C.1. A Pharmacist is required to manage new and attractive shop. A four-figure salary, according to experience, is offered to a keen and reliable Pharmacist who desires an opportunity to make real progress. Please send full particulars which will be treated as confidential to Box C 1941.

DEVON. Experienced pharmacist required, to assist proprietor (pharmacist) in high-class, old-established, family business. Congenial staff, excellent working conditions, permanent position. Apply, giving full particulars, experience, etc., to H. A. Pringle, Great Torrington, North Devon. C 1959

DISPENSING ASSISTANT, male or female, required for busy middle-class business. Please give all details of age, previous experience, and salary required, to Arnold M. Gee, Ltd., 152 Plumstead Common Road, S.E.18. C 1965

HORNCHURCH. Unqualified male assistant required for dispensing, photographic and general shop duties. Apply, A. E. Pelling, 189 Ardleigh Green Road, Hornchurch, Essex. C 1960

LADY REQUIRED, mainly for counter work. Must have had previous experience and undeniable references. Please give all details of age, previous experience and salary required to Bush (Chemists), 59 Camberwell New Road, S.E.5. C 1964

MAYFAIR. Lady assistant for dispensing and counter. Please state when free, experience and wages required. Saturday half-day, no extra duties. Box C 1968.

QUALIFIED ASSISTANT, male or female, required for well-established chemist business in Leek. Apply in first instance giving full details of experience and salary required to: J. Paterson Brodie & Son, Moor House, Burslem, Stoke-on-Trent. C 1963

WANTED, assistant for dispensing with counter experience. Good salary for successful applicant. Turner, Chemist, Upper Richmond Road West, S.W.14. C 1948

WHOLESALE

APPLICATIONS are invited from young men between 24/28 years of age, interested in medical representation. Applicants must have a sound knowledge of Medical Terminology, and be seriously interested in Medical Representation as a permanent career. A company car is provided, therefore, all candidates must hold a current driving licence. Applications should be made in writing to Personnel Manager, The Vitamins Group, Upper Mall, Hammersmith, W.6. C 8800

PROMINENT FIRM in London manufacturing and marketing well-known range of pharmaceutical products, toilet preparations, etc., have vacancy at their factory for a pharmacist to assist in their manufacturing operations. Previous experience not essential and vacancy offers excellent opportunity for keen and energetic applicant. Five-day week, non-contributory pension scheme. Apply giving details of age, qualifications, salary required, to Box C 8803.

CLERK SHORTHAND-TYPIST (FEMALE). The Distillers Company (Biochemicals), Limited, invite applications for the above post in Home Sales Department. The duties are of a supervisory nature and involve dealing with routine correspondence, filing, maintenance of records, etc. Experience in the pharmaceutical industry is desirable. Salary will be in accordance with age and experience. Five-day week. A non-contributory Pension Scheme is in operation. Applications in writing should be addressed to the Home Sales Manager at Broadway House, The Broadway, Wimbledon, London, S.W.19, the correspondence being marked "Confidential." C 8792

Lederle Laboratories Division
CYANAMID OF GREAT BRITAIN LIMITED

require a young unmarried

PHARMACIST

as Special Representative in WEST AFRICA (British Commonwealth). He would call on Doctors, Hospitals, Missions and Government Medical Departments; some selling experience, and knowledge of these territories would be desirable.
Tour of duty would be on basis of 10 months in the territories, and 2 months' paid leave in U.K.
Commencing salary around £1,200 p.a. plus suitable Foreign Service allowance, and expenses; other benefits include use of Company car, and attractive Pension/Insurance scheme. Fully detailed applications, which will be acknowledged, should be addressed, in complete confidence, to:—

Personnel Manager,
CYANAMID OF GREAT BRITAIN LIMITED,
Bush House, London, W.C.2.

C 8802

REPRESENTATIVE required with long-standing connection visiting hospitals, preference given to one with knowledge of hypodermic syringes, needles and laboratory glassware (opportunity for retiring hospital personnel), domiciled Manchester/Liverpool area. Commencing salary for right man £1,000 p.a., plus commission and vehicle (or car allowance). Write Box C 1956.

Geigy

In the light of our purpose we seek pharmacists with ability and imagination for Medical Representation.

We have vacancies in certain parts of England, particularly the South. And we would also welcome applications for territories in Scotland.

As a pharmacist you are aware of our contribution to science, and of our research in its international setting.

The work is hard and requires genuine initiative and persistence. Your security is achieved through your service and success.

We pay good salaries and will reward any representational experience you may have. There is a contributory pension scheme and a new car is provided.

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Our expansion is rational — ask your "Mr. Geigy". If you believe in the principles Geigy stands for and are prepared to join a Representational Force trained and guided to serve the best interests of the medical and pharmaceutical professions please send full particulars to:

Professional Service Manager, Geigy Pharmaceutical Co. Ltd.,
Roundthorn Estate, Wythenshawe,
Manchester, 23.

C8811

OVERSEAS REPRESENTATIVES

RIKER

Riker Laboratories Limited have vacant two interesting and challenging positions in its Export Sales Division. Representatives are required for:—

(1) The West Indies (based on Jamaica)
(2) South-east Asia (based on Singapore)

These appointments are the first of their kind the Company is making and prospects are unusually attractive. Applications are primarily invited from single men over 28 but consideration will be given to married men up to the age of 40. The initial contract will be for three years. Remuneration will be by salary, bonus and allowances and will be on a generous scale. As the posts in question will involve a fair amount of local travel this should be borne in mind when applying.

Initiative and drive are essential attributes and ideally, applicants should have a pharmaceutical qualification. Applications will, however, be considered from suitably qualified medical auxiliaries and other persons with a good pharmaceutical background. Some previous experience of medical representation in this country would also be helpful.

Applications in writing, should be addressed in the first instance, to the Personnel Manager, Riker Laboratories Limited, Loughborough, Leics. C 8797

BOEHRINGER DIVISION OF
PFIZER LTD.
MEDICAL REPRESENTATIVES

As a result of rapid growth the newly formed BOEHRINGER PRODUCTS DIVISION of Pfizer Ltd. is expanding its force of medical representatives and applications are invited from men who should have the following requisites:—

A pharmaceutical qualification or extensive pharmaceutical background; aged between 25 and 35 years; a pleasant personality; a high integrity; ability to sell; good health. Those men who measure up to these standards can expect to be interviewed for appointments which are progressive and interesting, where industry and intelligent application of knowledge can lead to high reward.

Applications, giving full details of age, education and career to date and expressing preference for territory should be sent, quoting MNG 6734, to the:—

Personnel Officer,

PFIZER LTD

137/139 Sandgate Road, Folkestone, Kent

C 8729

Situations Vacant—Continued

PARKE, DAVIS & COMPANY, LIMITED

A vacancy occurs in the Medical Service Department for a pharmacist, about 25-30 years of age, with a literary bent and a working knowledge of one or more Continental languages. Duties will include the handling of a wide range of technical queries, particularly from overseas territories, and the compilation and revision of literature on the Company's products. He will later assist with the training of representatives.

5-day week, Pension Plan.
Staff Restaurant.

Write in the first instance for an application form to: The Personnel Manager, Parke, Davis & Company, Limited, Staines Road, Hounslow, Middlesex. C 8789

PROVINCIAL REPRESENTATIVES required with established connection amongst chemists and stores for the Midland Counties and West of England by cosmetic firm with nationally advertised lines. Apply Box C 1938.

REPRESENTATIVES

A well-known firm of manufacturing chemists requires active representatives to interview doctors, hospitals and chemists in the following two areas:—

EASTERN COUNTIES AND EAST LONDON POSTAL DISTRICTS. S.W. COUNTIES.

Car and expenses provided.
Pension Scheme.

Please write, in confidence, giving age, full details of experience, and state salary required.

Our own representatives have been advised.

Write Box C 8801.

STAFFORD, ALLEN & SONS, LTD.,

require pharmacists as assistant production chemists for their Long Melford, Suffolk factory. The positions are suitable for recently qualified men though preference will be given to applicants with production experience. The wide range of pharmaceutical and chemical products manufactured offers considerable scope, and the positions will be progressive for the right men. Five-day week. Contributory superannuation scheme. Applications giving full details of qualifications, experience, and age, etc., should be addressed to Doctor Wm. Mitchell, Stafford, Allen & Sons, Ltd., Wharf Road, London, N.1.

C 8809

VETERINARY REPRESENTATIVE

Required by manufacturing and wholesale chemists to call on the qualified veterinary profession in Southern England and the West Country. This is a very well established territory with good prospects of further development. Car and expenses provided with good salary and bonus. Previous experience of representation is very desirable. Apply to Box C 8785.

WM. FREEMAN & CO., LTD., require the services of an experienced representative for the counties of Nottinghamshire, Derbyshire, and part-counties Staffordshire, Cheshire and Yorkshire. A connection with retail chemists and hardware dealers an advantage, residence in territory essential. Remuneration by salary, commission and expenses. Staff superannuation scheme. Car owner essential. Applications in writing to, General Sales Manager, Suba Seal Works, Peel Street, Barnsley. C 8813

RETIRED Pharmaceutical Chemist required by old-established London Manufacturing Company to assist qualified staff in manufacture two or three Fridays per month. Remuneration to be arranged at interview. Apply Box C 8771.

SITUATIONS WANTED

RETAIL HOME

CHEMIST'S ASSISTANT, unqualified (lady), Eire, desires position. Experienced in dispensing, counter, etc. Excellent references. Free now. Box C 1954.

WHOLESALE

MEDICAL BIOCHEMIST, highly qualified, experienced medical sales propaganda, planning and arranging clinical trials, with many contacts hospitals and doctors, seeks congenial position inside or outside ethical pharmaceutical house; three or four days weekly preferred. Box C 1962.

POSITION REQUIRED AS REPRESENTATIVE IN ENGLAND

Young man (29 years) requires position as above. Six years' experience retail pharmacy with two years previous experience representation in Ireland. Box C 1958.

AGENCIES WANTED

FREE-LANCE AGENT covering the best wholesalers, co-ops, stores, chemists in South London and Kent, wishes to take on just one really good agency in toiletries. Satisfactory results guaranteed. Box C 1955.

L. LANDAW, 10 Royal Parade, Dawes Road, Fulham, S.W.6, wholesalers to the high-class chemist trade, are seeking new lines. Our buyer will see representatives all day Fridays. Telephone: FULham 7226. C 1942

OLD-ESTABLISHED firm of manufacturers, shortly ready to market new attractive range of toilet goods, seeks firm calling direct on chemists, stores, etc., and prepared to carry this line exclusively. Apply Box C 1961.

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STOCKTAKER, with some retail or wholesale experience but not necessarily in stocktaking itself, required by well-known firm of professional valuers. The position will offer good future prospects in return for efficient service. Please write initially with brief details of career to date and stating present salary. All replies will be treated in the strictest confidence. Box C 436.

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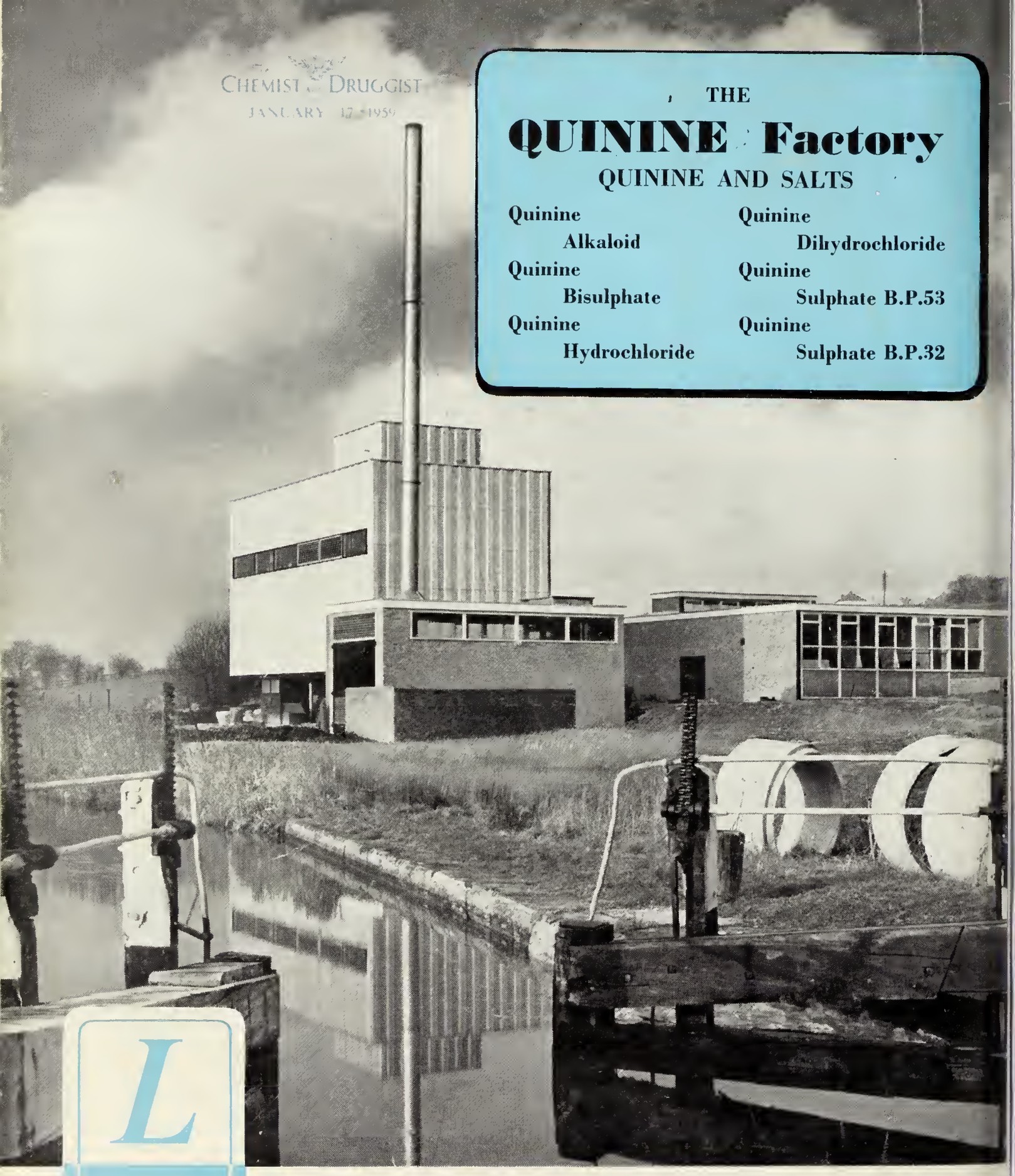
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